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U. S. Department of Agriculture

PITTSBURGH NURSERIES

ESTABLISHED 1840

ILLUSTRATED CATALOGUE

Spring of
1894



John R. & A. Murdoch,
Florists.

508 SMITHFIELD STREET,
NURSEYMEN,
SEEDSMEN
PITTSBURGH, PA.
TELEPHONE 239



Important Notice.

Since the issue of our last Spring Catalogue we have sustained a severe loss in the death of our Mr. ALEXANDER MURDOCH, who departed this life on the ninth day of February, 1893. Mr. Murdoch has practically had entire control of the business for the last quarter of a century, and under his able management it has increased from a few scattered greenhouses and 15 or 20 acres of cultivated land to the largest established nursery business in Western Pennsylvania. Since Mr. Murdoch's death the business management of the firm has fallen upon Mr. John R. Murdoch, assisted by his sons and nephew, and their every aim is to uphold the firm's reputation for honest dealing, thereby assuring their patrons the same satisfaction which was always guaranteed in their dealings with the late Mr. A. Murdoch. Every effort is being put forth to keep their cut flower and seed trade what it always has been, the very best. But owing to the exorbitant increase in the tax assessments of their nursery property, it has become too valuable to be used for this purpose, and the present management feel justified in closing out this department. With this object in view they earnestly request that all intending purchasing, call and inspect their nurseries in the Twenty-second Ward. During this spring and next fall it is their intention to dispose of their immense stock of fruit and shade trees, vines, plants, shrubs and ornamentals of all kinds as rapidly as possible, and every one wishing to buy should not miss this opportunity to beautify their homes at prices which are sure to prove inducive.



IMPORTANT TO LOCAL PURCHASERS OF TREES.

We deliver all Trees, Shrubs, &c., to purchasers, in good order, according to instructions, fresh from the ground. If by the fault of any employee of ours, or otherwise, the goods are received in bad order—or are not satisfactory in any respect, notice should at once be given to us, to enable us to remove all cause for complaint. The success of this class of goods after leaving our hands is contingent upon favorable weather, intelligent care and many other causes entirely beyond our control. We therefore deem it but proper to state that trees at catalogue prices are **Not Guaranteed to Grow**, for the reason given. However, we are prepared to plant trees with or without guarantee, at such prices as may be agreed upon.

While we exercise the greatest care to have seeds, etc., pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds, etc., on these conditions, they must be returned at once.

JOHN R. & A. MURDOCH.

ORDER SHEET FOR SEEDS, TREES, ETC.

JOHN R. & A. MURDOCH, 508 Smithfield Street, Pittsburgh, Pa.

Forward by (MAIL, EXPRESS OR FREIGHT.)

Name of Person,	Enclosed in Cash,	\$.....
“ Post Office	“ Draft,	\$.....
“ Express Office, (if different from P. O.)	“ Post Office Order,	\$.....
“ County,	“ or C. O. D.,	\$.....
“ State,	Date,	1894

SPECIAL NOTICE.—On **VEGETABLE SEEDS** to be **SENT BY MAIL**, in quantities of **ONE QUARTER POUND AND UPWARDS**, **POSTAGE** must be **ADDED** to Catalogue Price at the rate of **8 CENTS PER LB.** In the case of **BEANS AND PEAS**, **PLEASE ADD 5 CENTS PER PACKET** and **15 CENTS PER QUART**; and on **CORN**, **5 CENTS PER PACKET** and **10 CENTS PER QUART** to Catalogue Prices for **MAILING**.

IF MORE THAN ONE EXPRESS COMPANY RUNS TO YOUR PLACE, PLEASE DESIGNATE WHICH WE SHALL SHIP BY.

[illegible]

QUANTITY.	ARTICLES.	PRICE.

The space below is for remarks about your order, and for the address of some of your acquaintances who will be in need of Plants, Seeds, etc., so that we may send them our Catalogue. Any other necessary correspondence should be given on a separate sheet.

NAME.	POST OFFICE.	STATE.

Novelties and Special Choice Vegetables.

IN REGARD TO NOVELTIES.

WITH a business reputation of over fifty years' standing to sustain, we can hardly afford to catalogue the gorgeous novelties which, with their highly colored illustrations, are always to be found described as the "Greatest Discovery of the Age" in the large catalogues of the East and West, and advertised in every paper and magazine in the country, only to be replaced the following year by "Another Grand Acquisition." A few of these prove to be valuable, but at least nine-tenths of them turn out to be worthless, or old varieties revived under new names. The public have been deceived by these fraudulent methods so often that a reliable firm, in order to catalogue a line of Novelties, must wait until they have received a thorough trial. Our Flower Seeds are imported direct from Germany, while our Vegetable Seeds are from the best growers in this country; and although this list for 1894 contains nothing remarkably startling, still we think we have catalogued the "cream" of all the tested Flower and Vegetable Novelties that have so far been introduced.

DREER'S NEW BUSH LIMA BEAN.

This is a true bush or dwarf variety of Dreer's Improved Pole Lima, possessing all the good qualities of that excellent and well-known climbing sort. The plants grow from $1\frac{1}{2}$ to 2 feet high, of vigorous bushy habit, producing pods in great abundance. The Beans grow close together in the pods, are very thick, sweet and succulent, and ripen fully ten days earlier than the Pole Lima, or in about 91 days from planting.

The past season many of the pods contained five beans, and nearly half of them four in a pod. Where this Bush variety is planted on light, rich soil, it shows an increase in crop and less growth of plant.

Gardeners who have grown it last year, have reported it as producing from 100 to 185 pods to the vine.

Price, 15c. per pkt.; 25c. per pt.; 40c. per qt.

TOMATO.

New, No. 400. This Monster Tomato, so largely advertised last year, is described by the introducers as follows: "It is all solid meat, so free from seeds that we have to pay our growers five times as much to raise seed of this as of the ordinary sorts. It is a very handsome variety, being uniformly large, smooth, of a dark rich crimson color, and a delicious sub-acid flavor. To show the enormous size of this great Tomato, we would state that twelve specimens weighed $16\frac{1}{2}$ lbs., an average weight of 1 lb. 6 oz. each, one monster tipping the scales at 1 lb. 14 oz." 10c. per packet.

Henderson's Ponderosa Tomato. Price per packets, 10c. each; 75c. per oz.

PEA.

Burpee's Profusion is of vigorous growth, the haulm attaining three feet in height and of a very branching character—four to eight laterals starting from the root. The haulm is very stout, the main stem usually branching at the first three to five nodes above the ground. The pods are usually produced in pairs, from 50 to 90 pods to the plant. They are well packed with large, luscious Peas, of very sweet and splendid quality.

Price per package, 15c.; per pt., 25c.; per qt., 40c.

NEW CELESTIAL RADISH.

A distinct novelty, the stock of which was imported directly from China. It is ready for use when $2\frac{1}{2}$ or 3 inches long and continues until nearly 6 inches long, making it almost all an all season's Radish. The flesh is firm and solid and pure white, and is very attractive in appearance. It may be grown successfully either in the open ground or for forcing in frames. 5c. per pkt.; 20c. per oz.

YOSEMITE WAX BUSH BEAN.

The Yosemite combines size, productiveness and exquisite quality in one variety, and is the nearest approach to perfection that nature has yet given us in Bush Wax Beans. 10c. per pkt.; 35c. per pt.; 50c. per qt.

RADISH.

Wonderful Half Long Red. We believe this to be the Startle Radish of some other firms, so rapid in growth as to develop perfectly in 20 days. Grows about three inches long, contracting from a broad shoulder to a sharp point, very symmetrical and uniform in shape; color a bright scarlet and altogether a gem. Pkts., 5c.; per oz., 15c.; per $\frac{1}{4}$ lb., 40c.

MUSK MELON.



WINTER PINE APPLE.

This remarkable Melon is a native of Cassaba, Asia Minor, whence it was recently introduced into this country.

Its unique appearance is accurately represented by our cut, the skin being corrugated instead of netted and in color of a rich yellow tinged with green.

Its most valuable characteristic, however, is its wonderful long keeping qualities.

The Melons do not ripen on the vines, but should be picked off after the first frosts, handled very carefully and stored (like squashes) in a cool, dry place where they will gradually ripen. In this way they can be kept in good condition all through the winter. Price, pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

PEPPER.

RUBY KING.

A monstrous fruit produced upon a large leaved, vigorous plant, late in habit but a desirable acquisition when favored by a prolonged season of growth. Pkts., 10c.; per oz., 25c.

PARSLEY.

Beauty of the Parterre. The introducer claims that this is the most beautiful Parsley extant. It is of a very dwarf and spreading habit, and its dark green foliage may be best described as consisting of innumerable quilled leaflets. While highly ornamental for garnishing, it is equally good as a condiment. 5c. per pkt.; 20c. per oz.

LETTUCE.

Grand Rapids Forcing. We confidently recommend this new lettuce as being one of the best Early Forcing varieties grown.

It originated in Grand Rapids, Mich., where it is very highly prized by the market gardeners.

In rich soil in frames or green house it produces magnificent extra large and tender heads on style of our illustration. Price, 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

CUCUMBER.

Thorburn's Commercial Pickle. This new variety is in many essential points a marked improvement on all other strains of White Spine, to which class it belongs.

It is very uniform in shape and size; tender and crisp when used for slicing; very productive and sure to justify its name as the very best commercial pickling cucumber.

It retains its dark green color after being pickled longer than any other variety.

The vines make a very strong and vigorous growth, and the fruit sets in great abundance.

It is also earlier and remains in bearing longer than the old strains of White Spine, which it will most certainly supplant when it is generally known. Per pkt., 10c.; per oz., 20c.; per $\frac{1}{4}$ lb., 50c.

CAULIFLOWER.

Thorburn's Gilt Edge. Claimed to be the very best and surest of all, *without any exception*. It is a sure-header, either for late or early sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after the Snowball, but is a much heavier sort. Per pkt., 25c.; per oz., \$3.25.

Henderson's Early Snowball. Very early and very reliable for heading, besides being very dwarf in its habits of growth, and with short outer leaves, thus allowing plants 20 inches apart each way. 25c. per pkt.; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00.

Landreth's First. Here we have the beau ideal of an early Cauliflower, not only ahead of all others, but a certain header, which some other sorts are not. Its exceedingly dwarf habits designate it as the best adapted for forcing under glass, and will be found the most profitable—12,000 may be set to the acre. Its merit is indicated by the increasing demand for the seed. 25c. per pkt.

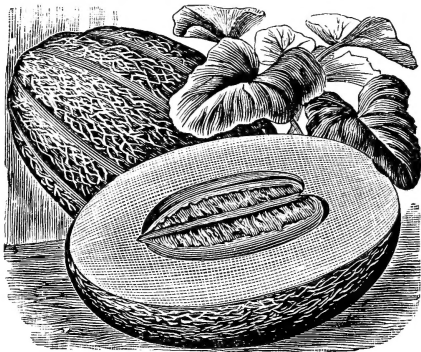
BEANS.

Landreth's Saddle Back Wax. The backs of the beans are depressed like a sway-back horse.

✓We have a liberal supply, and recommend the variety as specially choice in every desirable quality.

✓It is a golden podded variety, all meat, and produces edible pods 45 days after germination. Pkts., 10c.; per qt., 40c.

NEW MUSK MELONS.



THE DELMONICO.

We offer this variety as being the most delicious flavored Musk Melon ever introduced. Grown side by side with fifty other kinds last season, it was pronounced by connoisseurs to be the melon *par excellence* both for appearance and quality. It is an oval-shaped melon of large size, finely netted, and has beautiful orange pink flesh. 10c. per pkt.; 20c. per oz.

BURPEE'S ALL-HEAD EARLY CABBAGE.

Our claims for this distinct new cabbage are:

First: EARLINESS. It is the earliest of all large Cabbages—being at least a week earlier than any of the various strains of *Early Summer Cabbage*.

Second: SIZE. It is fully one-third larger than the *Early Summer*, and therefore much more profitable to the Market Gardener, who has in this variety a Cabbage larger, and at the same time earlier—considerations of the greatest importance.

Third: UNIFORMITY. The *All-Head Early* is unquestionably the nearest approach to a *thoroughbred* Cabbage of any variety yet introduced, both as regards size and uniformity of development. *Selection*, the means employed to establish this variety, has been constantly made to secure the largest early heads with the fewest loose leaves. The deep, flat heads are *remarkably solid and uniform in color*, as well as shape and size.

Fourth: QUALITY. The main feature of a good Cabbage is *tenderness*, and in this respect it *surpasses all others*. Tenderness is the result of rapid growth, and as the *All-Head Early* comes in quicker than any of the other flat Cabbages it is consequently more tender; the veins and midribs of the leaves are also finer than those of any other variety.

Fifth: ADAPTATION. While *Burpee's All-Head Early* is all that can be desired for earliness, it is also *valuable for a late Winter Cabbage*. To winter well the heads must be deep or *thick through*—a prominent feature of this variety. Seed of the *All-Head* sown in July, and plants set out about the middle of August will bring heads large and solid, which are sure to winter well.

Sixth: YIELD. By reason of the *compact habit of growth* of the *All-Head Early* and absence of loose leaves fully one thousand more heads can be obtained to the acre than of most other varieties of good size. Set the plants 18 inches apart in rows with 3 feet between the rows for cultivation, and *Nine Thousand Six Hundred and Eighty (9,680)* plants can be set on one acre, *ninety-five per cent.* of which, in an ordinary season, and with reasonable cultivation, will make good, merchantable heads.

Price per pkt., 10c.; oz., 40c.; 2 ozs., 75c.; $\frac{1}{4}$ lb., \$1.25; per lb., \$4.00.

PALMETTO ASPARAGUS

Described by its introducers as being both earlier and a better yielder than the *Conover's Colossal*, heretofore the standard of excellence and superiority. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb. Plants 2 yr. old, 50c. per dozen; \$3.00 per 100.

CELERY.

Golden Self-Blanching. This new celery, like the now celebrated *White Plume*, possesses the self-blanching character to a remarkable degree. But here the resemblance ceases; instead of the whitish color of the *White Plume* when blanched, its inner leaves and hearts are of a beautiful golden yellow. The foliage is yellowish green, showing already when the plants are quite small the distinct character of the variety. In habit it is semi-dwarf; stalks very strong and vigorous; the ribs are large, rounded and very solid; crisp, tender, and of excellent flavor, and equal in quality to any of the standard sorts. 10c. per pkt.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

CELERY GIANT PASCAL.

A new variety, broad and thick stalks; height about two feet; heart golden yellow. Per pkt., 10c.; per oz., 35c.

COLLARD.

Pink Heart. The lower leaves are green with bone white veins or ribs, the interior leaves are ivory white like finest bleached celery, the leaves about the heart are *pink* and purple.

It is very unique and worthy of culture in the best gardens by reason of its beauty as an ornamental plant and by reason of its tender and delicious quality as a table vegetable, boiling as it does, marrow-like as cauliflower. Pkts., 5c.; per oz., 26c.

CUCUMBER.



Thorburn's New Everbearing. We again call special attention to this entirely new and unique variety. It is of small size, *very early, enormously productive*, and valuable as a green pickler. The peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by the frost, *whether the ripe cucumbers are picked off*

CUCUMBER—Continued.

or not—in which respect it differs from all other sorts in cultivation. Cucumbers in every stage of growth will be found on the same vine. Per pkt., 10c.; per oz., 40c.

STRATAGEM PEA.

Many consider this the best English variety of late years. It is a dwarf, wrinkled blue marrow, a very heavy cropper and produces large, remarkably well filled pods of excellent flavor. 15c. per pt.; 35c. per qt.; \$1.50 per pk.

Thorburn's Lemon-Blush Tomato. This is the nearest approach to a perfect tomato that has been produced up to this time. The skin and flesh are a bright lemon-yellow, with a faint rose-blush or light crimson tint diffused over a part of the surface opposite the stem. Its average

size is larger than the "Acme," and in shape somewhat broader than deep—absolutely free from seams, lobes, or irregularities. The seeds are notably small and few, the cell-walls thick, tender, crystalline and melting—the quality being less acid than that of the red varieties yet without the insipidity which characterizes the yellow kinds in general. The plant is a vigorous grower, ripening its fruit abundantly in mid-season; Per pkt. of 20 seeds, 25c.

NEW TOMATO.

Thorburn's Long Keeper. This tomato is the result of skillful and systematic selection, and must therefore prove a most valuable variety for market gardening. It is offered to the public for the first time, and claimed by the producer to be without doubt the longest keeping tomato ever introduced. 10c. per pkt.; 40c. per oz.; \$1.25 per ¼ lb.

GENERAL LIST OF VEGETABLE SEEDS.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

All Vegetable Seeds in paper, except *Peas, Beans and Corn*, will be mailed free of postage on receipt of price. And 5c. per paper for postage on *Peas, Beans and Corn*, in papers. For seeds by *weight* add 8c. per pound, and by *measure*, 10c. per quart for *Corn*, and 15c. per quart for *Peas and Beans*, for postage. Half pounds furnished at pound rates; pints at quart rates; half peck at peck rates.

ARTICHOKE.

German, *Atischoke*.

Sow middle of April, thinly, in drills, two feet apart. The next season plant in hills three feet asunder, three plants in each, and protect in winter by a covering of coal-ashes or earth.

Large Globe. Best for general culture. 40c. per oz.; 10c. a pkt.

ASPARAGUS.

German, *Sparagel*.

Sow beginning of April, thinly, in rows one inch deep and two feet apart. The next season plant in drills four inches deep and two feet apart, spreading the roots well out, in ground thoroughly manured and trenched at least two feet deep. The seed should be soaked in warm water before sowing.

Conover's Colossal. A greatly improved variety of large size; tender, productive and of excellent quality. 10c. an oz.; 5c. a pkt.; 20c. per ¼ lb.; 60c. per lb.

Palmetto. For description, see *Novelties and Specialties*, page 2. 5c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

ASPARAGUS ROOTS.

Palmetto. A new variety of great promise. The introducers assert that while it is equal to the Colossal in quality it is *earlier* and a better yielder. Price for first-class 3-year plants, 50c. per doz.; \$3.00 per 100. 2 years old, \$2.00 per 100.

Barr's Mammoth. This useful variety originated with Crawford Barr, Esq., of Montgomery county. The quality is all that can be desired and its large size adds greatly to the ease of gathering a given quantity; thus adding to the profit. Price for first-class 3-year plants, 50c. per dozen; \$3.00 per 100. 2 years old, \$2.00 per 100.

BEANS, Bush, Dwarf or Snap.

German, *Bohne*.

One Quart Will Plant From 100 to 150 Feet of Drill, According to Size of Bean.

Plant as soon as the ground is warm, in drills two inches deep and two feet apart; drop the seed three inches apart, and, when well up, thin out to nine inches.

Add 15c. per quart extra if sent by mail.

Dreer's Bush Lima. Superb novelty; for description see page 1. Price per pkt., 15c.; per pt. 25c.; per qt. 40c.

Henderson's Bush Lima Beans. The new Bush Lima produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of New York by the middle of July) until frost, and is enormously productive. Twelve packages will plant five rows, each fifty feet long, and these rows will supply plenty of beans for any ordinary family all through the season. Per pkt., 10c.; per ¼ pt., 15c.; per pt., 30c.; per qt., 50c.

Landreth's Early Violet. This pod is of the Dwarf Black German Wax type, *golden*, succulent, round and curved, but very much larger, very much thicker, far more productive, and the dry bean distinct in size and color; a very superior "Butter Bean." 40c. per qt.; 10c. per pkt.

Landreth's Saddle Back Wax. For description see *Novelties in Vegetables*, page 2. Price, 10c. per pkt.; 40c. per qt.

Early Red Valentine. Early, productive, tender, succulent and of excellent flavor. Continues longer in the green state than most of the varieties. 10c. per pkt.; 25c. per qt.; \$1.50 per peck.

Early Mohawk. An excellent early variety, very productive and of good quality. 10c. per pkt.; 25c. per qt.; \$1.50 per peck.

Early Yellow, Six Weeks. Long pod, early and prolific; an excellent variety for general crop. 10c. per pkt.; 25c. per qt.; \$1.50 per peck.

Large White Kidney, or Royal Dwarf. Excellent as a shell bean, green or ripe. 10c. per pkt.; 25c. per qt.; \$1.50 per peck.

Black Wax, or Butter. The pods, when ripe, are of a waxy yellow, transparent, very tender and delicious; an excellent variety. 10c. per pkt.; 30c. per qt.; \$1.50 per peck.

Landreth's First in Market. The earliest podding of all beans, and therefore very desirable to the market gardener and amateur; pods long, flat, green and showy; remarkably productive. 40c. per qt.; 10c. per pkt.

Yosemite Wax. For description see *Novelties*, page 1. 10c. per pkt.; per pt., 35c.; qt., 50c.

Landreth's Scarlet. A meaty, half round Golden Wax pod, entirely distinct both in pod and seed from any other wax bean; pods much larger than ordinary Golden Wax, and far more showy, both on the vine and when pulled; beans long, flat, kidney-formed and luscious, scarlet and deep purple when hard; vine strong; exceedingly productive, the beans hanging in bunches; no old sort equal to it. 40c. per qt.; 10c. per pkt.

Golden Wax. An entirely distinct variety, a week or ten days earlier than the Black Dwarf Wax; the pods are large, long and brittle, and entirely stringless. As a Snap Bean it excels others in tenderness and richness of flavor, and has the further merit of being one of the best shell beans grown for winter use. 10c. per pkt.; 30c. per qt.; \$1.75 per peck.

BEANS—Pole or Running.German, *Stangen-Bohnen*.

Plant beginning of May, in hills 4 feet apart for poles, or in rows 6 feet apart for stakes or string trellises. Press the seeds down slightly and raise the soil over them so that they may be covered two inches. The Lima Bean should not be sown in this latitude before the 10th of May, as it is subject to rot if sown too early.

Add 15c. per qt. if to be sent by mail.

Giant Wax. (Red-seeded.) Pods long, clear, waxy, yellow; thick and fleshy; very productive; when cooked tender and delicious. 10c. per pkt.; 40c. per qt.

Lazy Wife has already become a great favorite. The pods grow from four to six inches long, and are entirely stringless, and of a rich, buttery flavor when cooked. The pods remain green and retain their tender, rich, stringless flavor until nearly ripe; the beans are white, and are unsurpassed as shell beans for winter use. 10c. per pkt.; 60c. per qt.

Carolina, or Sewee. A small variety of Lima. More easy of vegetation, more vigorous in growth, earlier in season, more prolific in pool, and not so imposing in appearance, but valuable; offers greater probability of satisfactory results than the more tender Lima. 10c. per pkt.; 40c. per qt.

Deer's Improved Lima. The distinctive features of this variety are early maturity, large yield and extra quality of bean. It is also claimed that it produces more shelled beans to the pole than the larger Lima. 10c. per pkt.; 40c. per qt.

King of the Garden Lima. A new variety of vigorous growth, requiring but two vines to each pole. The pods are from 5 to 6 inches long and are said to contain five, six, and even seven perfect formed beans to the pod, of superior edible quality. 40c. per qt.; 25c. per pt.; 10c. per pkt.

Large Lima. This is esteemed the best of all the Po'e Beans, and is almost universally grown, both for market and for private use. 10c. per pkt.; 35c. per qt.

German Wax Pole. (Black Seeded.) One of the best varieties, either for snaps or shelled, in the green state. 10c. per pkt.; 35c. per qt.

Southern Prolific. An excellent bean for cooking in the pod. The pods are produced in clusters, and, as it matures in seventy days, the growth is rapid and the pods brittle and tender. It is one of the most popular beans in the Southern States, where it is better known than in the North. 10c. per pkt.; 35c. per qt.

Broad Windsor. Best for general use. 10c. per pkt.; 35c. per qt. (This is an English sort and not a pole variety.)

BEET.German, *Runkle Rube*.

One Ounce will sow 100 feet of drill.

For a regular supply, a few drills should be sown every two weeks, beginning in the middle of March and ending in the middle of August. Sow one inch deep in drills eighteen inches apart. The leaves of the green and white sorts are used the same as spinach, or in greens.

Eclipse Beet. This new turnip beet is giving great satisfaction on account of its wonderful rapid growth, small top and extra fine quality. Early as the Egyptian and better every way. The roots always grow perfectly smooth, of perfectly round shape; intense red skin and flesh; very fine grain and sweet. Its small, fine top, extreme earliness, and heavy cropping qualities, will recommend it to all market gardeners. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.

Early Egyptian Turnip. One of the earliest beets; color of deep crimson, of excellent growth. 5c. per pkt.; 1c. per oz.; 25c. per ¼ lb.

Early Blood Turnip. The early standard sort; an excellent variety. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

Dewey's Improved Blood Turnip. Very early; an excellent variety, deep red, fine form and flavor. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.

Early Flat Bassano. A flat turnip-shaped variety; chiefly valuable for its earliness. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.

Long Blood Red. An old standard variety, color deep red, flesh very sweet. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.

MANGOLD WURTZELS AND SUGAR BEETS.*Grown for Feeding Stock.*

The value of these for stock feeding cannot be overestimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and selected seed will yield immense crops per acre. Five or six pounds of seed required per acre.

Golden Tankard. A very valuable variety, of fine form and very sweet flavor, and bright yellow in color, differing in this respect from other Mangolds, which cut white. 10c. per ounce; 20c. per ¼ lb.; 50c. per lb.

White Silesian Sugar, attains a large size and is extensively grown for feeding. 10c. per oz.; 15c. per ¼ lb.; 60c. per lb.

White Imperial Sugar. A greatly improved variety of the French sugar beet, and recommended as being harder, more productive and containing a greater percentage of sugar than the ordinary variety. 10c. per oz.; 15c. per ¼ lb.; 50c. per lb.

Red Globe Mangold Wurtzel. This variety is most generally grown for agricultural purposes, producing roots of large size and excellent quality. 10c. per oz.; 15c. per ¼ lb.; 50c. per lb.

Long Red Mammoth Mangold Wurtzel, of very large size and good quality. 10c. per oz.; 15c. per ¼ lb.; 50c. per lb.

Dobito's Yellow Globe Mangold Wurtzel. Dobido's Improved; roots of large size and globular form, very productive, and keeps better than the other varieties. 10c. per oz.; 15c. per ¼ lb.; 50c. per lb.

BRUSSEL'S SPROUTS.German, *Kopfkohl Gruner*.

15c. per oz.; 5c. per pkt.

COLLARD.

Pink Heart. For description see Novelties, page 2. Price. 5c. per pkt.; 25c. per oz.

CABBAGE.German, *Kopfkohl*.

One ounce will sow a bed 40 feet square, and produce about 3,000 plants.

CULTURE—To grow this crop to perfection, the soil must be deep, rich, heavily manured and thoroughly worked. For early use sow the seeds in February or March, or it may be sown about the middle of September and the plants wintered over in cold frames. Transplanting in the spring, as soon as the ground can be worked, in rows two feet apart, and the plants eighteen inches apart in the rows, and set the plants in the ground up to the first leaf, no matter how long the stem may be. For late or winter use, the seed should be sown in May or June, and the plants set out in August, two and a half by three feet.

If by mail in quantities of 4 ounces and upward postage must be added at the rate of 8c. per lb.

Burpee's All Head Early. For description see page 2. Price, 10c. per pkt.; 40c. per oz.; ¼ lb., \$1.25; 1 lb., \$4.00.

Landreth's Earliest. It is ten days earlier than any other cabbage. The heads are ovoid and hard, few outside leaves and short stem. 10c. per pkt.; 30c. per oz.

Henderson's Early Summer. Henderson's Early Summer is about ten days later than the Wakefield, but is over double the size. Keeps longer without bursting open after heading than any other variety. 5c. per pkt.; 30c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

Filderkraut. This somewhat resembles the well-known Winningstadt, but is larger every way, more pointed, and heads up with fewer outside leaves. Largely grown for making kraut. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.

Early Winningstadt. An excellent sort; heads of large size; one of the best for general use. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.

Early Dwarf Flat Dutch. A valuable variety, largely grown in the vicinity of New York. 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.

CABBAGE.—Continued.

Fottler's Improved Brunswick. An excellent second early and late variety. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Landreth's Large Late Drumhead. A standard late variety; grows to a large size, with round, compact heads. 5c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.

Marblehead Mammoth Drumhead. A late variety, and the largest of all cabbages; heads have been grown weighing 60 lbs. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.

Landreth's Large Late Flat Dutch. A much esteemed late variety of excellent quality. 5c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.

Red Dutch. Used almost exclusively for pickling. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.



SELECTED EARLY JERSEY WAKEFIELD.

Henderson's Selected Flat Dutch. A selected strain very highly esteemed by many amateurs and market gardeners. 10c. per pkt.; 30c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.00 per lb.

Drumhead Savoy. The largest heading Savoy; of excellent flavor, tender and delicious. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.

Selected Early Jersey Wakefield. (See cut.) Among its merits may be mentioned its large size of head, small outside foliage, and its uniformity in producing a crop. The heads are pyramidal in shape, having a blunted or rounded peak. 5c. per pkt.; 25c. per oz.; 85c. per $\frac{1}{4}$ lb.

Green Curled Savoy. This, undoubtedly, is the *finest* type of winter cabbage. After having been frosted it *boils like marrow*, and is not surpassed even by the Cauliflower in its best condition. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

CAULIFLOWER.German, *Blumen-kohl*.

For early crop sow middle of September, protect in frames throughout the winter, or in a gentle hot-bed in March. Transplant both sowings to rich, well-prepared ground about the middle of April.

Landreth's First. For description see page 2. Price, 25c. per pkt.

Henderson's Early Snowball. See description, page 2. 25c. per pkt.; \$1.25 per $\frac{1}{4}$ oz.; \$4.00 per oz.

Selected Early Dwarf Erfurt. One of the earliest varieties. Very dwarf, large, white, compact head. 20c. per pkt.

Earliest Paris. An excellent early variety. 15c. per pkt.

Half Early Paris. One of the best. 20c. per pkt.

Thorburn's Gift Edge. See Novelties, page 2. 25c. per pkt.; \$3.25 per oz.

CARROTS.German, *Mohr*.

One Ounce will sow 100 feet of drill.

For early crop sow as soon as the ground can be worked for general crop, from May to the middle of July, in drills half an inch deep and eighteen inches apart. While the plants are young thin them out to six or nine inches apart.

Early Horn. An old favorite sort, much esteemed for early summer use. 5c. per pkt.; 15c. per oz.

New Half-Long Scarlet. (Coreless.) A decided improvement upon the old variety of Long Orange—smoother in skin, richer in color, and of uniform texture throughout. Highly desirable for market purposes and the family garden. Do not fail to try it. 5c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.

Long Orange. A standard variety; roots of large size and of fine form and quality. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

Large White Belgian. A very productive kind, grown almost exclusively for stock; grows one-third out of the ground, lower part of the root white, that above ground green. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.

CELERY.German, *Seleri*.

For first early crop sow one-quarter of an inch deep, on a slight hot-bed, early in March, transplant while young into a cool frame, and very rich soil, four inches apart. The general supply should be sown in the middle of April, thin, in drills one foot apart. While young thin out to four inches. Transplant finally when the plants are four inches high, nine inches apart, in shallow but well-manured trenches, five feet asunder. Earth up as required, as too much blanching causes the stocks to become hollow and soft. Four or five weeks are sufficient for this purpose.

Giant Pascal. For description see New Vegetables, page 2. Price per pkt., 10c.; per oz., 35c.

Golden Self-Blanching. For description see Novelties and Specialties, page 2. 10c. per pkt.; 50c. per oz.; \$1.50 per $\frac{1}{4}$ lb.

Boston Market. A dwarf growing white variety, of excellent quality. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Half Dwarf. Except, perhaps, the Golden Dwarf, this variety is now grown most extensively. When blanching it is of yellowish white, making it very ornamental for the table, is entirely solid, possesses a rich, nutty flavor, while it has much vigor of growth, surpassing much of the large growing sorts in weight of bunch when grown under the same conditions. 5c. per pkt.; 25c. per oz.; 80c. per $\frac{1}{4}$ lb.

The Bouquet Celery. This is not a new variety, but one of those really good things that have been overlooked. It belongs to the same class as the Golden Dwarf, being equally solid and fine quality with the addition of having beautifully curled or fringed foliage, which renders it the most novel and showy of Celeries. It makes a most beautiful table ornament, having the appearance of a foliage bouquet; hence the name. Unsurpassed in flavor. 10c. per pkt.; 40c. per oz.; \$1.00 per $\frac{1}{4}$ lb.

Golden Dwarf. A variety of great value. In size and habit of growth it is much the same as the Half Dwarf white kinds, except that when blanched the heart, which is large and full, is of a waxy golden yellow, rendering a most striking and showy variety for either market or private use. It is entirely solid and most excellent flavor, and one of the best keepers during the winter we have ever known. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

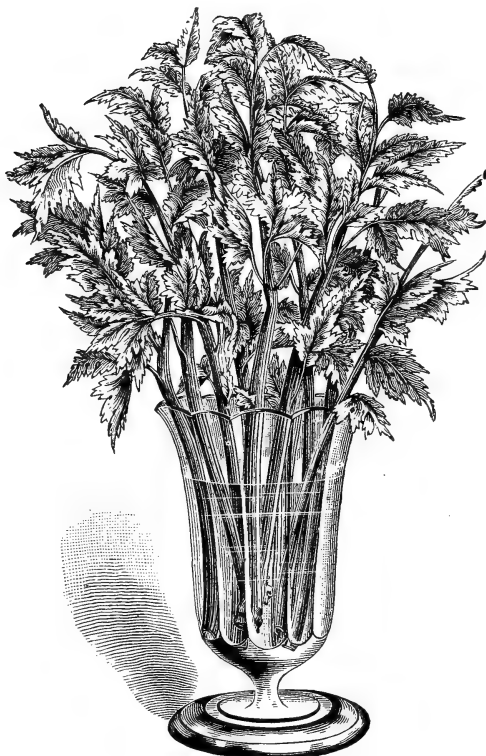
London Red. A very desirable variety. So solid, nutty and a good keeper. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Large White Solid. A standard variety of large size, solid and crisp; the most popular of the large sort. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Dwarf White. A favorite market variety of close habit; solid, crisp and tender. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Henderson's New Rose. A colored variety of great merit. Very solid and a good keeper. 10c. per pkt.; 30c. per oz.; \$1.25 per $\frac{1}{4}$ lb.

White Plume. A variety specially adapted to cultivation by amateurs, as its inner stalks and leaves are naturally white and do not require blanching by the old process of high banking. By simply tying up the stalks and drawing up the soil with the hoe the work of blanching is complete. It is ornamental, tender, crisp and a good flavor, but not a good keeper. 10c. per pkt.; 40c. per oz.; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

CELERY—Continued.

LARGE WHITE SOLID.

Celeriac (Turnip-rooted Celery). 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Seeds for Flavoring. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.

SUGAR CORN.

German, *Welschkorn*.

One quart will plant 200 hills; one peck will plant one acre in hills.

When a regular supply of Sweet Corn is required, repeated plantings are necessary. Commence the middle of April, and make successive sowings every two weeks till the middle of July. Plant eight or ten seeds in a hill, four feet apart. Cover one and half inches deep. When well up thin out to five plants.

Add 10c. a quart if to be sent by mail.

Cory Early. This new variety has shown up admirably the past season. It is five days earlier than the Marblehead, which has hitherto taken the lead. 5c. per pkt.; 20c. per q.

Early Marblehead. The stock is dwarf and it sets its ears very low down, which are of fair market size, and of very sweet, rich flavor. 5c. per pkt.; 20c. per qt.; \$1.50 per pk.

Early Minnesota. Very early; ear fair size and uniform; dwarf; an excellent variety. 5c. per pkt.; 20c. per qt.; \$1.25 per pk.

Crosby's Early Sugar. An excellent early variety, ears rather small; a great favorite among market gardeners. 5c. per pkt. 20c. per qt.; \$1.25 per pk.

Early Mammoth Sugar. An early variety, bearing exceedingly long ears; stock short and slender; matures easily for so large an ear. 5c. per pkt.; 20c. per qt.; \$1.25 per pk.

Moore's Early Concord. Ears large and well filled; early and unsurpassed for richness and delicacy of flavor. 5c. per pkt.; 20c. per qt.; \$1.25 per pk.

Stowell's Evergreen. A standard late variety of excellent quality, remaining longer in the green state than any other variety. 5c. per pkt.; 20c. per qt.; \$1.25 per pk.

Mammoth Sugar. A late variety, and one of the largest; very productive and fine flavored. 5c. per pkt.; 20c. per qt.; \$1.50 per pk.

FIELD CORN.

Four quarts will plant one acre.

Large Early White Flint. "Hominy Corn." Large and productive. 20c. per qt.; 75c. per pk.

Pennsylvania Early Yellow Flint. Long, narrow, yellow ears. 20c. per qt.; 75c. per pk.

Pennsylvania Early Dent. Short stalk; early productive; the best for Pennsylvania. 20c. per qt.; 75c. per pk.

Leaming. Yellow, early, highly esteemed. 20c. per qt.; 75c. per pk.

CORN SALAD.

German, *Ackersalat Lammersalat*.

One ounce will sow 20 feet square; six pounds will sow one acre.

A vegetable used as a salad, and sold to a considerable extent in our markets. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from the time of sowing.

Small Seeded. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

CRESS, OR PEPPER GRASS.

A well-known pungent salad. Requires to be sown thickly and covered very slightly. Sow at frequent intervals, to keep up a succession, as it soon runs to seed.

Curled. 5c. per pkt.; 10c. per oz.

Water. 10c. per pkt.; 50c. per oz.

CUCUMBER.

German, *Gurke*.

One ounce will plant fifty hills; two pounds will plant one acre.

For open air culture sow five or six seeds one inch deep, in hills six feet apart, middle of April. When grown to three rough leaves, thin out to three plants and draw the soil up to the stems. If bugs attack them sprinkle a little guano over them, after syringing them with soap suds.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 8c. per lb.

Thorburn's Everbearing. For description see page 2. Price, 10c. per pkt.; 40c. per oz.

Thorburn's Commercial Pickle. For description see page 2. Price, 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.

Nichol's Medium Green. As a pickle sort it will be found unequalled, and for early forcing purposes or slicing there is no better variety. It is exceedingly productive, of medium size, and always straight and smooth. The color is dark green, the flesh tender and crisp. Altogether it is a most welcome addition. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Short Prolific. Quite an acquisition. It is an improvement on the Early Cluster—large and a profuse bearer; admirably adapted for pickling. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

Early White Spine, Improved. A favorite market variety of medium size; deep green, fresh, crisp and of fine flavor. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

Jersey Pickling. One of the best for pickling. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

Early Frame. An old and popular variety of medium size, straight and handsome; excellent for pickling when young. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

Gherkin. Used only for pickles. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Long Green Turkey. A fine, long fruit of excellent quality; dark green, fresh and crisp. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

FOREIGN VARIETIES FOR FORCING.

Rollinson's Telegraph. Very prolific; one of the best. 25c. per pkt.

Sion House. 25c. per pkt.

EGG PLANT.German, *Eierpflanze*.

Sow first of March, in gentle hot-bed, and when grown to two rough leaves, plant out in the bed six inches apart. Plant in the open ground the middle of May, two feet and a half apart.

New York Improved. The leading market variety: excellent and very productive. 10c per pkt.; 50c. per oz.

Large Round Purple. Similar to the first named. 10c. per pkt.; 50c. per oz.

KALE, or BORECOLE.German, *Blatter-Kohl*.

Dwarf German Green. This variety is extensively grown as winter greens. Sown in the month of September, in rows one foot apart, and treated every way as Spinach, it is ready to use in early spring. 5c. per pkt.; 15c. per oz.

Dwarf German Purple. Similar to the preceding, except in color. 5c. per pkt.; 15c. per oz.

ENDIVE.German, *Endivien*.

One ounce will sow 60 square feet.

When blanched, is used as a salad or in stews. Sow from the middle of April to the first of August in drills half an inch deep; and while the plants are small transplant into rich soil one foot apart. Blanch by tying up the leaves, or by covering with light board.

Green Curled. Very hardy; leaves dark green, tender and crisp. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.

White Curled. Leaves pale green; should be used when young. 5c. per pkt.; 20c. per oz.; 75c. per ¼ lb.

KOHL RABI—Turnip Rooted Cabbage.

One ounce will sow a drill of about 100 feet.

An esteemed esculent, partaking of the flavor of both Turnip and Cabbage. In general appearance it is not unlike the Ruta Baga, and may be cultivated as it is, if sown late in the season.

Early Smooth Purple Vienna. 5c. per pkt.; 25c. per oz.

Early Smooth White Vienna. 5c. per pkt.; 25c. per oz.

Late Green or White. 5c. per pkt.; 20c. per oz.

Late Purple. 5c. per pkt.; 20c. per oz.

LETTUCE.German, *Lattich*.

One ounce will sow 100 square feet, or 120 feet of drills.

To obtain a supply all the year round, commence sowing in February on gentle hot-bed, and continue every four weeks in the open ground until October. The last two sowings will require protection from frost during the winter in frame. Sow one-quarter of an inch deep, and transplant while young, eight to twelve inches apart, according to size.

Grand Rapids Forcing. For description see page 1, novelties. Price, 5c. per pkt.; 25c. per oz.; 75c. per ¼ lb.

Landreth's Heat-Resisting Cos. Vigorous, always heading, never wilting under the severest sun; remarkably fine. It should be in every garden. 5c. per pkt.; 25c. per oz.

Buttercup. A beautiful Cabbage lettuce. It forms solid head of large size, and is equally valuable for out-door culture or for forcing; very tender and delicious. 5c. per pkt.; 30c. per oz.

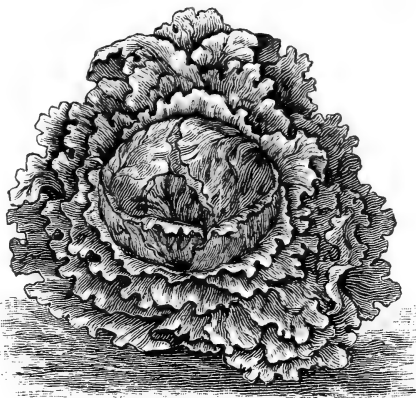
Early Curled Simpson. This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest and leading market sort. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.

Black Seeded Simpson. Like the ordinary curled Simpson, it does not properly form a head, but a compact mass of leaves; but differs in being very much lighter colored, the leaves being almost white; stands the summer heat splendidly, and attains a size nearly double that of the Curled Simpson. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.

Early Curled Silesian. Closely resembles the above: a valuable early kind. 5c. per pkt.; 20c. per oz.; 60c. per ¼ lb.

Speckled Dutch Butterhead. 5c. per pkt.; 25c. per oz.

Early Cabbage or Dutch Butterhead. Forms a close head of large size, used extensively as an out-door variety. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.



LARGEST OF ALL LETTUCE.

Henderson's New York Lettuce is of unusual size and solidity of head, with but little tendency to run to seed, we have had it time and again eighteen inches in diameter and weighing nearly four pounds with heads almost as solid as an Early Summer Cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and excellent flavor, and always free from bitterness. The outside color is distinct in shade from any other Lettuce that we are familiar with, being a clear, deep apple green while on the inside the color is yellowish white. It is not a forcing variety, but is certainly one of the best varieties for summer ever introduced. 5c. per pkt.; 25c. per oz.; 60c. per ¼ lb.; \$2.00 per lb.

Largest of All. (See cut.) The most showy Lettuce on our list, being a very large green cabbage variety, heads well formed and monstrous, very bold, altogether desirable both for family use and market garden. Truckers can adopt it with confidence, as it is sure to sell on its own merits. Per pkt., 5c.; 25c. per oz.

Boston Market. (True.) A superb variety; grows very compact and is beautifully white and crisp. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.

Tennis Ball. (Black seeded.) Forms a close, hard head, with few outer leaves; a favorite forcing variety. 5c. per pkt.; 20c. per oz.; 50c. per ¼ lb.

LEEK.German, *Lauch*.

One ounce will sow a drill of about 100 feet.

Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart, each way, as deep as possible, that the neck, being covered, may be blanched.

Large Flag. A very useful variety. 5c. per pkt.; 25c. per oz.

Large Rouen. Very large and excellent. 5c. per pkt.; 30c. per oz.

MARTYNIA.

The seeds are used to a considerable extent for pickling, when gathered green and tender. Sow in the open ground in May, and transplant two feet apart.

Martynis Proboscidea. 10c. per pkt.; 40c. per oz.

MELON—Water.

One ounce will plant about sixty hills.

Landreth's Boss. A new water-melon of rare quality: large in size, long in shape, very dark green in color; slightly ribbed, showy in appearance; flesh very highly colored, crystalline, melting, of unusually fine flavor and extending almost to the skin. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.

Mountain Sweet. Fruit oblong, dark green, rind thin; flesh red, solid and very sweet. 5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.

Black Spanish. Fruit of large size, almost round; skin dark green; flesh red, sweet and delicious. 5c. per pkt.; 25c. per ¼ lb.

MELON—Water—Continued.

Green and Gold. The melons are of good size, ranging from 25 to 45 lbs. in weight. Its productiveness is equal to any of the red-fleshed sorts, while in delicious flavor it is unsurpassed. The rind is very thin, the white being only from $\frac{3}{8}$ to $\frac{1}{2}$ an inch in thickness. The flesh is a beautiful golden-orange color, free from any tinge of white or other color, even immediately around the seeds. The flesh is beautifully granular in appearance, juicy and sweet. Independent of the delicious flavor of the Green and Gold Water-melon, its rich golden color will make it most desirable as an ornament for the table, especially if its golden slices are arranged in contrast with the crimson of the older sorts. A splendid novelty. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

Ice Cream. Fruit of medium size, nearly round; skin pale green; rind very thin; white seed; flesh scarlet, solid, crisp and delicious. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.

Citron Water. (For preserving.) A round, handsome fruit of small size, used in making sweetmeats and preserves. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.

MELON—Cantaloupe Family.

One ounce will plant about eighty hills.

For general crop of melons, sow when the ground becomes warm, say the early part of May, in hills six feet apart. Cover the seeds one inch and when well established thin out to three plants. They may be forced the same as Cucumbers, or forwarded by being covered by small box frames.

Winter Pine Apple. For description see Novelties in Vegetables, page I. Price, 10c. per pkt.; 40c. per oz.; \$1.25 per $\frac{1}{4}$ lb.

Delmonico. For description see page 2. 10c. per pkt.; 20c. per oz.

**Montreal Market.**

This fruit is nearly round, flattened at the ends, deeply and regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, of a delicious flavor, regular in shape and uniformly grown to a very large size. To all who desire to raise the handsomest possible melons for exhibition, or extra large fine melons for market, we recommend the Montreal. The largest specimens often weigh twenty pounds and

MONTREAL MARKET. over. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; 90c. per lb.

Netted Nutmeg. Fruit nutmeg shape; skin, deep green finely netted; flesh, greenish yellow, rich and sugary. 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.

Casaba. A large variety, fine form, delicious flavor. 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.

Hackensack or Turk's Cap. The most popular variety of Musk Melons grown for market by gardeners in this vicinity. It attains a large size, is round in shape, and flattened at the ends; is of most delicious flavor and wonderfully productive. It somewhat resembles the green Citron, on which, however, it is a decided improvement. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Green Citron. Medium size, deeply netted, nearly round, six to eight inches in diameter; flesh green and of a rich, delicious flavor. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; 90c. per lb.

Atlantic City. A bold, pineapple-shaped Cantaloupe or Musk Melon of excellent quality, large and very showy; moderately ribbed and heavily netted; flesh green, thick and sweet; doing admirably well on sandy soils, and possessing all the good qualities of the Acme or Baltimore Citron, with largely increased size. Forty will frequently fill a barrel, and their appearance sells them. Pkt., 10c.; oz., 25c.

MUSHROOM.

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at from 50 to 60 degrees. From some old pasture procure the soil and store it away. To one bushel of this soil add two bushels of fresh

horse manure. Of this well-mixed compound prepare a bed, say of four feet in width. Put down a thin layer and pound it down hard, and go on until you have a bed eight inches thick. It will soon become pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover the whole bed with some two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is light, in six to eight weeks you may expect Mushrooms. The bed will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. Success in Mushroom growing depends so much upon a proper and uniform temperature, moisture, and perhaps other conditions of the atmosphere, that success is not always certain with the amateur. One pound of spawn is enough for a bed two feet by six.

English, in bricks. 15c. per lb.; 25c. per lb. by mail.

MUSTARD.

A pungent salad, sow thickly in boxes, in green house once a week all winter, or in a frame, or in the open ground after frost, covering slightly.

White. Best for salads. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 40c. per lb.

NASTURTIUM, or INDIAN CRESS.

The seeds are used while young and pickled as Capers. In shrubby borders, or trained against trellis work the plant is highly ornamental. Sow one inch deep in rows five feet apart, and gather the crop every few days.

Tall. 5c. per pkt.; 10c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

ONIONS.

German, Zwiebel.

One ounce will sow 100 feet of drill.

Onions may be sown from the middle of March to the middle of May the earlier the better if the ground is in good order. A well-matured, highly cultivated soil is desirable. Sow in drills half an inch deep, one foot apart. For raising Onion Sets, sow early in the spring on poor soil, very thickly in drills and gather as soon as the tops lie down.



EARLY LARGE RED.

If by mail in quantities of $\frac{1}{4}$ lb. and upwards, postage must be added at the rate of 8c. per lb.

Early Large Red. Mild in flavor, a good keeper, and in every respect an excellent variety, ripening about ten days earlier than the red Wethersfield. 5c. per pkt.; 20c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

Wethersfield Large Red. The staple variety of the Eastern Onion growers; of large size, deep in color, and an excellent keeper. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

Large Yellow Strasburg. One of the oldest standard sorts; well flavored and a good keeper. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.25 per lb.

Yellow Danvers. An excellent variety, mild flavored and very productive; ripens early and is a good keeper. 5c. per pkt.; 20c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$2.25 per lb.

Silver Skin, or White Portugal. A handsome onion of mild flavor, but not a good keeper, exclusively grown for pickling. 10c. per pkt.; 30c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

ONION SETS.

Add 10c. per qt. if to be sent by mail.

Silver Skin. Prices variable, about 40c. per qt.; \$2.50 per pk.

Yellow Skin. Prices variable, about 30c. per qt.; \$2.00 per pk.

OKRA, or GUMBO.

As Okra is impatient of cold and wet, the first week in May will be time enough to sow it in drills 3 feet asunder, 1 inch deep. Gather the pods while young. For winter use, cut into thin slices and dry in the sun.

Dwarf Improved. Green, early and productive. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.

Tall. Long pale green. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.

Landreth's Long Green Pod. A variety very superior to the short, chunky pods of the old forms, this variety producing, as its name indicates, long, slim fruit. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

PARSLEY.

German, *Peterslie.*

One ounce will sow 150 feet of drill.

Sow thinly in drills, one foot apart and half an inch deep, middle of March. As the seed germinates very slowly, it is advisable to soak it a few hours in tepid water before sowing. For winter use, protect in a glass frame or light cellar.

Curled. A fine variety, beautifully curled; excellent for garnishing. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Hybrid Moss Curled. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Extra Triple Curled. (Dwarf.) A very superior variety, beautifully crimped and curled. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Plain Parsley. The leaves of this sort are plain; it is harder than the curl d variety; good for flavoring. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Beauty of the Parterre. See Novelties and Special Choice Vegetables, page 1. 5c. per pkt.; 20c. per oz.

PARSNIPS.

German, *Pastinake.*

One ounce will sow 200 feet of drill; five pounds required for an acre.

Sow half an inch deep, in drills eighteen inches asunder, beginning in April, in a deep, rich soil. While young, thin out to five or six inches apart.

Fine Sugar Half Crown. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 75c. per lb.

The Student. A fine flavored variety. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

TOBACCO SEED.

Connecticut Seed Leaf. 5c. per pkt.; 30c. per oz.

Imported Havana. 10c. per pkt.; 50c. per oz.

PEPPERS.

German, *Pfeffer.*

Sow in a hot-bed early in March, and transplant, eighteen inches apart, middle of May.

Ruby King. For description see Novelties, page 1. Price, 10c. per pkt.; 25c. per oz.

Long Red Cayenne. Fruit brilliant coral red, conical, from three to four inches long, very productive. 5c. per pkt.; 30c. per oz.

Large Spanish Sweet. One of the largest and earliest varieties; the flesh is sweet, mild and pleasant. 5c. per pkt.; 30c. per oz.

Tomato or Squash. The most generally grown for pickling; very productive; the leading market variety. 5c. per pkt.; 30c. per oz.

Cherry Red. An exceedingly ornamental variety; fruit erect, of a rich, glossy, scarlet color. 5c. per pkt.; 20c. per oz.

Large Long Red. Very fine. 5c. per pkt.; 30c. per oz.

PEAS.

German, *Erbse.*

Add 15c. per quart, extra, if to be sent by mail. Pints at quart rates; half pecks at peck rates.

Sow one of the early sorts, say *First and Best*, as soon as the soil will work after frost, and at the same time a late sort, say *Champion of England* or *Marrowfat*. The former will give a first succession, and repeated sowings, once in two weeks of the latter sort, will insure a regular supply. After the first of June sowing should be discontinued until the middle of August, which, if any earlier sort, will generally secure a good crop. Sow thinly in trenches six inches wide, two deep and three to five inches apart.

Extra Early Varieties.

Alaska. A choice variety of extra early. 10c. per pkt.; 25c. per qt.; \$2.00 per pk.

First and Best. This variety of extra early Peas is unsurpassed for yield, size of pod, and regularity of growth. It is fully six inches dwarfer than the improved *Daniel O'Rourke*, produces pods of good size, which are well filled with round, smooth peas, of splendid flavor. It is a prodigious bearer, and ripens up so thoroughly as not to require more than two pickings to clear off the crop; and in this last feature and its extreme earliness consists its great value to market gardeners or truckers. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

Landreth's Extra Early. This standard variety is one of the very earliest, and very productive. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

Philadelphia Extra Early. A well-known variety, similar to the above. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

Laxton's Alpha. Extra early, blue wrinkled marrow pea of fine quality and very prolific; pods large and well filled; three feet. 10c. per pkt.; 25c. per qt.; \$1.60 per pk.

Improved Daniel O'Rourke. A favorite early variety. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

McLean's Little Gem. A dwarf green, wrinkled marrow, very prolific, of superior flavor, and very early; one foot. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

Bliss' American Wonder. The result of a cross between the *Champion of England* and the *Little Gem*. It is one of the earliest wrinkled peas in cultivation, of the finest quality and wonderfully productive. Its great distinctive feature, however, is its compact and dwarf habit, seldom exceeding 10 inches in height. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

Extra Early Premium Gem. A very fine dwarf pea of the *Little Gem* type, on which it is a great improvement. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

Tom Thumb. Remarkably dwarf and early, of excellent quality, and yields abundantly; 1 foot. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

McLean's Advancer. An early green wrinkled variety of delicious flavor; 2 feet. 10c. per pkt.; 25c. per qt.; \$1.50 per pk.

Second Early Varieties.

Burpee's Profusion. For description see Novelties, page 1. Price per pkt., 15c.; per qt., 25c.; per qt., 40c.

Eugene. White wrinkled; an excellent cropper; 3 feet. 10c. per pkt.; 25c. per qt.; \$1.75 per pk.

Blue Peter. A second early variety, growing about ten inches high, and named from the color of the ripened pea; pods large full and showy; peas quite sugary. 10c. per pkt.; 25c. per qt.; \$1.75 per pk.

For General Crop.

Stratagem. For description see page 3. Per pkt., 10c.; per qt., 20c.; 35c. per qt.; \$1.50 per pk.

Champion of England. One of the best and most popular peas in cultivation; 5 feet. 10c. per pkt.; 25c. per qt.; \$1.25 per pk.

Telephone. Large wrinkled seeds; grows 3 feet high; very handsome. 30c. per qt.; \$2.00 per pk.

Black-Eyed Marrow. Well known, hardy, and very productive; 4 feet. 10c. per pkt.; 20c. per qt.; \$1.00 per pk.

Dwarf White Sugar. Edible pods. 10c. per pkt.; 40c. per qt.

NEW VERY DWARF SUGAR PEA.

It is unusually dwarf, being very similar in habit to the American Wonder Pea. The pods are beautifully crimped, are of unusual size for such a small growing sort, and are of exquisite melting quality. Of recent years the demand has increased very much for Sugar Peas in this country, and we feel sure that this little variety will be welcome, as it has a great advantage from the fact that it does not require brushing or staking as other Sugar Peas do. 15c. per pkt.; 10c. per pkt.; 25c. per pt.; 50c. per qt.

PUMPKIN.

German, *Kurbis*.

Sow first of May, in hills nine feet apart; cover the seeds about one and a half inches. To keep off bugs, syringe with soap-suds and sprinkle gently with guano while wet.

Cheese. The best variety for cooking purposes. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 60c. per lb.

Cashaw. Crook-necked, good keeper. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; 85c. per lb.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 pounds. 10c. per pkt.; 30c. per oz.

Connecticut Field. Very productive; largely grown for feeding stock. 5c. per oz.; 15c. per $\frac{1}{4}$ lb.; 40c. per lb.

RADISH.

German, *Rettig Radischen*.

One ounce will sow 100 feet of drill.

For a successful supply, sow from middle of March until September, at intervals of three weeks. Sow half an inch deep, in drills nine inches apart. Radishes may be successfully forced in a gentle hot bed from the beginning of February.

Wonderful Half Long Red. For description see Novelties in Vegetables, page 1. Price, 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.

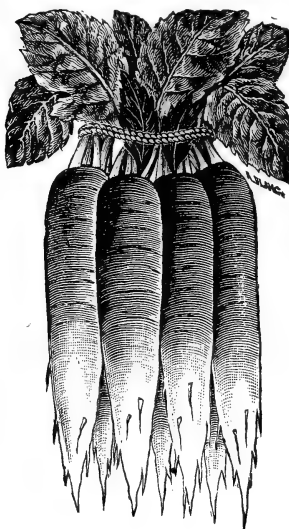
Long White Naples. Flesh white, crisp and mild. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

New Celestial. For description, see page 1. 5c. per pkt.; 20c. per oz.

China Scarlet Winter. An excellent winter variety. Sow in summer the same as turnips. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Black Spanish. One of the hardest and best for winter use. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

White Spanish. Rather milder in flavor than the preceding. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.



CHARTIERS RADISH.

Scarlet Globe. This is of globular shape, of a brilliant red color, and has a very short top. In flavor it is all that can be desired, and the flesh is tender and crisp. 5c. per pkt.; 10c. per oz.; $\frac{1}{4}$ lb., 30c.; per lb., 80c.

Chartiers. (See cut.) A valuable sort that can be used either as a summer, autumn or winter radish, and has the desirable quality of continuing a long time in an edible condition; size long and pointed; color, crimson, changing to pink and white towards the point. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

French Breakfast. A variety of quick growth, very mild and tender. One of the best for forcing. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 70c. per lb.

Long Scarlet Short Top. The standard variety for market and private gardens. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

Scarlet Turnip. Rather more delicate in flavor than the above. Excellent for summer use. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.

White Turnip. Mild flavored; early. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 70c. per lb.

Golden Globe. An old variety and one of the best. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; 70c. per lb.

SALSIFY, or OYSTER PLANT.

German, *Borshart*.

Sow middle of March, one inch deep, in drills one foot apart. While small, thin out to six inches. 5c. per pkt.; 20c. per oz.

SQUASH.

German, *Kurbiss*.

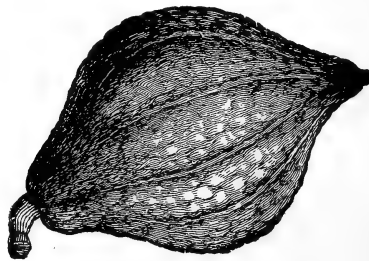
One ounce Early will plant 50 hills; one ounce Marrow 20 hills.

Sow from the beginning to the middle of May in well manured hills nine feet apart. Thin out to three plants, and treat same as cucumbers.

Sibley. The seed alone being of very peculiar shape and color, brands the squash as entirely distinct. The shell is pale green in color, very hard and flinty, but at the same time so thin and smooth as to occasion the least possible waste in baking. The flesh is solid and thick, a vivid brilliant orange in color, and possessed of rare edible qualities, being dry and it has a rich, delicate flavor, peculiarly its own. The vine is remarkably vigorous, and ripens its fruit simultaneously with the Hubbard, although the quality is considerably improved by being housed a few weeks. In productiveness, the new Sibley Squash has decidedly the advantage of either the Hubbard or Marblehead. In its keeping qualities it excels all, remaining in a good dry cellar perfectly sound until the last of March, constantly improving in flavor. The hardness and flintiness of the shell renders it one of the very best shipping varieties. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.

Perfect Gem. Equally desirable either as a summer or a winter Squash. From four to six inches in diameter, of a creamy white, with thin smooth shell, slightly ribbed. The flesh, cooked, is dry, and sweet and rich in flavor, and free from the strong taste often found in the winter sorts. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.

Early Bush. Scalloped; an early market variety; excellent. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.



HUBBARD.

Hubbard. A general favorite and more largely grown as a late sort; large size flesh fine grained, dry and of excellent flavor. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

Marblehead. An excellent variety, resembling the Hubbard. The flesh is of rather a lighter color than that variety, while the combination of sweetness, dryness and delicious flavor is remarkable. It yields equal to the Hubbard, and its keeping qualities are said to be better. 5c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.

Valpariso. A native of South America. Very hardy, of large size and beautiful shape; color bright golden yellow, slightly striped or mottled with pale green; thick meat and of excellent flavor; enormously productive. 5c. per pkt.; 20c. per oz.

Boston Marrow. A much esteemed variety, coming in about ten days later than the Bush or Crooked-necked sorts; a good keeper and of unsurpassed flavor. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; 90c. per lb.

Summer Crooked-necked. Early productive and of good quality. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

RHUBARB or PIE PLANT.

10c. per pkt.; 25c. per oz. Plants of same can be furnished at 15c. each, or large clumps at 50c. each.; \$1.50 per doz.

SPINACH.

German, *Spinath*.

One ounce will sow 100 feet of drill; ten pounds for one acre.

For fall use, sow middle of August; for winter and early spring, middle of September, and for early summer, as early as the season will admit, in drills one inch deep and one foot apart.

Bloodsdaile. A highly esteemed variety. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 40c. per lb.

Prickly Seeded. Stands well in winter, but is not so productive as the preceding. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 40c. per lb.

Large Round Leaf Viroflay. A new variety with very large, thick leaves. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

TURNIP.

German, *Stekrube*.

One ounce will sow 150 feet of drill; two pounds will sow an acre.

For an early crop, sow the earliest varieties as soon as the seed can be got into the ground, in drills about a foot apart, and thin to six inches. For the main crop sow from the first of July to the end of August, as in spring. To escape the fly, sow, if possible, just before rain, to insure quick germination.

Red Top Strap Leaf. The old standard variety and one of the best for general use. 5c. per pkt.; 10c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.

Early Flat Dutch. (Strap Leaf.) Of medium size; a white variety, rapid growth; can be used either in spring or fall. 5c. per pkt.; 10c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.

Yellow Aberdeen. An excellent, hardy variety, keeping well through the winter. 5c. per pkt.; 10c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.

Pomeranian Globe. 5c. per pkt.; 10c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.

Early Snowball. (Extra Early.) A small white globe variety, very quick, the earliest in maturity of its form and character. We highly recommend it for table purposes. 5c. per pkt.; 10c. per oz.; 30c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

Yellow Ruta Baga. Purple top; the leading variety; flesh very solid and of fine quality, valuable for both the table and for feeding stock. 5c. per pkt. 10c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.

Amber Globe. 5c. per pkt.; 10c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.

TOMATOES.

German, *Liebesapfel*.

An ounce will produce about 1,200 plants.

For an early crop, sow middle of February; half an inch deep, on a gentle hotbed; while small transplant six inches apart, and plant out finally middle of May four feet apart. For a late crop sow middle of April, and plant as above. If the vines be trained on fence or trellis, the fruit is kept clean and will be better flavored.

Thorburn's Long Keeper. For description see Novelties, page 3. Price, 10c. per pkt.; 40c. per oz.; \$1.25 per $\frac{1}{4}$ lb. **Acme.** Very early and handsome; color glossy, dark red, with purple tinge. A splendid market variety. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Cardinal. Color, brilliant cardinal red when ripe, appearing as if varnished, flesh of as bright a color. In shape almost round, solid and with very few seeds. Quality, first-class. 5c. per pkt.; 20c. per oz.; 80c. per $\frac{1}{4}$ lb.

Thorburn's Lemon Blush. For description see Novelties, page 3. Price, per pkt., 25c.

New 400. For description see Novelties, page 1. Price, 10c. per pkt.

Dwarf Champion. Dwarf and compact in habit. Growth upright with stiff, short jointed stems. Unsurpassed as a cropper. In appearance it resembles the Acme. Very smooth, symmetrical and attractive in appearance. A very valuable acquisition both for very early and general crop. 5c. per pkt.; 30c. per oz.; 90c. per $\frac{1}{4}$ lb.

Golden Queen. The yellow varieties are sweeter and superior in flavor to others. The Queen is perfectly smooth, of a fair size, and fine and distinct in flavor. 5c. per pkt.; 30c. per oz.; 75c. per $\frac{1}{4}$ lb.

Livingston's Beauty. This new variety has during the past season maintained the high position claimed for it by the introducers, and can be confidently recommended to gardeners and amateurs; it resembles the Old Acme, and is superior to it. 5c. per pkt.; 30c. per oz.; 90c. per $\frac{1}{4}$ lb.

Livingston's Favorite. Does not crack or rot at the blossom end; it is a dark red color; ripens evenly and as early as any good sort, holding its size to the end of the season; very prolific, good flavor, few seeds, flesh solid, bears shipping long distance. The Favorite is taking the lead of all the red sorts among the market gardeners, north and south, canners and consumers as well. 5c. per pkt.; 30c. per oz.; 80c. per $\frac{1}{4}$ lb.

Mikado. A remarkable variety, producing fruit of the largest size of any variety in cultivation. The color is of a purplish red, like that of the Acme, while it has the solidity of the Trophy; single specimens weigh from a pound to a pound and a half each. The quality is equally excellent for either slicing or cooking. 5c. per pkt.; 30c. per oz.

Mayflower. This is perhaps the earliest large Tomato grown. The shape is perfectly globular, slightly flattened and perfectly smooth. Of a glossy red color, and ripens perfectly and evenly close up to the stem. It is a large yielder, and its shipping qualities are excellent. 5c. per pkt.; 30c. per oz.; 80c. per $\frac{1}{4}$ lb.

Trophy Improved. This, when fully grown, is the best variety in cultivation; unsurpassed in size, flavor and productiveness. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.

Ponderosa. For description see Novelties, page 1. Price, per pkt., 10c.; per oz., 75c.

SWEET HERBS.

No garden is complete without a few sweet, aromatic or medicinal Herbs for flavoring soups, etc., and pains should be taken to harvest them properly. This should be done on a dry day, just before they come in full blossom—Sow in spring, in shallow drills, one foot apart; and when well up, thin out and transplant a few inches asunder.

Anise. 5c. per pkt.

Basil. (Sweet.) 5c. per pkt.

Balm. 5c. per pkt.

Borage. 5c. per pkt.

Caraway. 5c. per pkt.

Dill. 5c. per pkt.

Hyssop. 5c. per pkt.

Horehound. 5c. per pkt.

Lavender. 5c. per pkt.

Marjoram. (Sweet.) 5c. per pkt.

Rosemary. 5c. per pkt.

Rue. 5c. per pkt.

Savory, Summer. 5c. per pkt.

Savory, Winter. 5c. per pkt.

Sage. 5c. per pkt.

Thyme, Winter. 5c. per pkt.

Tarragon. (Scarce) 15c. per pkt.

Wormwood. 5c. per pkt.

TO MAKE A LAWN,

Use Murdoch's Superior Lawn Seed, 16 lbs. to the Bushel

A PERFECT LAWN is not only a most essential adjunct to rural or suburban residences, but, when thoroughly made, no other single feature of the country home is so satisfactory or pleasing. By sowing our Lawn Seed Mixture a perfect lawn can now be so quickly and cheaply obtained that it is no wonder that thousands every season "will make a lawn" about their houses, when, perhaps, they will not trouble with the greater care of a green-house or garden.

HOW TO MAKE A LAWN.

The only way in which a good lawn can be obtained is to begin at the beginning, and do the work thoroughly and well. First, see that the ground is well prepared by deep digging and trenching, for it is vain to expect a lawn to retain its greenness in summer unless the soil is pulverized, so that the roots of the grass may penetrate two feet deep. When the soil is thus prepared and leveled, it should be left to settle a week or ten days, then it is to be raked smooth, and it will be ready for the seed. After preparing the ground as above, sow the seed at the rate of four bushels to the acre; cover it with a light seed harrow, or thin branches tied together, to serve the purpose of harrowing, and give the whole a light roll with a field or lawn roller.

Remember, however, that even after carefully following the foregoing instructions, you will fail to secure a good lawn unless the Seed is fresh and free from foul weeds. Therefore always use

MURDOCH'S SUPERIOR LAWN SEED,

which is carefully compounded of those grasses best adapted to our soil and climate. Also note that Murdoch's Superior Lawn Seed weighs 16 pounds to the bushel, while the ordinary mixture of feed and chaff only weighs fourteen or fifteen pounds.

The sowing can be done in from March to June, and during September and October.

Mow early and often, using a lawn mower in preference to a scythe.

Price per Bushel, 16 lb.....	\$4 00
Price per Peck.....	1 25
Price per 4 Quarts.....	75

Price per 2 Quarts.....	\$ 50
Price per 1 Quart.....	25
If to go by mail, add 5c. per quart for postage.	

VARIOUS OTHER GRASSES.

Red Top Grass. Per bushel of 14 lbs., \$1 25; 20c. per lb.

Kentucky Blue Grass, Fancy. 1 lb., 35c.; 3 lbs., 90c.; 7 lbs., \$1.75; 1 bushel (14 lbs.), \$2.50.

Kentucky Blue Grass, Extra Clean. \$2.00 per bu.

Sweet Vernal. (Annual. Often sown with lawn seed on account of the sweet aroma thrown off when the mower has been run over it. Price 35c. per lb.

Sweet Vernal Grass. True perennial. More valuable than preceding on account of durability. Price, 75c. per lb.

Alfalfa, or Lucerne Clover. A valuable forage plant for the South and extreme West, where our common red clover cannot be relied upon. Price 25c. per lb.

White Dutch Clover. First quality, 35c. per lb.

Red Clover. Market price.

Timothy. Market price.

Perennial Rye Grass. Per lb., 25c.; per bushel (24 lbs.), \$2.50.

Orchard Grass. First quality. Per lb., 25c.; per bu. of 14 lbs., \$2.50.

Novelties and Specialties for 1894.

FLOWER SEEDS.

(See Note "In Regard to Novelties" Page 1.)

ASTER.

Aster Mignon. A new class resembling in height, form and habit the Victoria race, but more floriferous. The flowers are of the finest forms and can be kept longer in water than those of any other sort. The best Asters for cutting. Pure white, 10c. per pkt. Rose, 30c. per pkt.

Aster Queen of Earlies—White. A French variety, which if sown early, can be had in bloom by July 1st, highly recommended on this account. Price per pkt., 25c.

Aster Ball or Jewel. For cutting and bunching, these splendid new varieties are especially desirable. The flowers, which measure from $2\frac{1}{4}$ to 3 inches across, are produced on long stalks, and are perfectly round in shape. For perfection of form and loveliness of color they cannot be surpassed. Rose and White, 25c. per pkt.

Dianthus Heddergii Laciniatus Simplex. A new strain from the Islands of Japan. The flowers sometimes grow to four inches in diameter, are of all shades, from the purest white to pink, crimson, scarlet, down to the deepest shade of maroon; are borne singly on stiff stems, a very superior addition. Price, 25c. per pkt.

Salvia Splendens Compacta Nana. A new strain,

more dwarf and compact in growth than the ordinary sort; will increase the popularity of this already largely used bedding plant, as it will enable a rich, glowing scarlet line to be produced in the fall of modern height. 25c. per pkt.

Carnation, Half-Dwarf Double Margaret.

About ten to twelve inches high. The plants are of very vigorous growth, and the stocks are so numerous and strong that no external supports are required. The flowers are produced profusely, and in every color, including yellow. This variety is especially adapted for the open air, as well as for pots, flowering the first season from seed. 25c. per pkt.

Henderson's Mammoth Verbenas.

A superb strain of gorgeous colors, allied with vigorous habits of plants. Our seed is in sealed packets direct from headquarters. All colors mixed, 25c. per pkt.

CANNAS.

Crozy's Dwarf. If sown in February in heat and grown on they can be had in bloom by the end of July to continue until frost. We offer a limited supply of seed saved from superior novelties of 1892-93, at 15c. per pkt.

ASTER, "SURPASSE TRIOMPHE."

The "Perfection" is among our most beautiful and perfectly formed Asters. In this new variety of Perfection we have something of surpassing beauty. The flowers are large, frequently measuring five inches across, perfectly double, of a brilliant crimson purple, each petal being margined with white, making it exceedingly effective. The plants are very dwarf and bloom profusely. 25c. per pkt.

CENTAUREA CYANUS FLORE PLENO.

(Double Corn-Flower, Mixed.)

After several years of careful selection, a fixed form of double Corn-Flower has at last been developed. The flowers resemble in many respects those of *Gaillardia Lorenziana*, and are very serviceable either for garden decorations or for cutting. The mixture we now offer comprises the popular varieties in white, pink, light blue, red rose, etc., and besides these, several shades and stripes that are quite new. 10c. per pkt.

SWEET PEA.

Miss Blanche Ferry. This new variety is so dwarf and compact that it may be grown without support, although a slight "rodding" is recommended. The combination of colors is the same as in the well-known "Painted Lady," but the flowers have a deeper and richer shade of pink and the two lower petals are often prettily striped with white. The flowers are very large and produced in great profusion. Its chief merit, however, is that it begins to flower fully ten days earlier than any other Sweet Pea. 1 er pkt., 10c.; per oz., 2c.; per ¼ lb., 60c.; per lb., \$2.00.

Mrs. Sankey. Classed as a pure white, but we think improperly, as the flowers, while seeming white in some lights, in others show a tinge of warm shell pink, which is very delicate and beautiful. Price, per pkt., 10c.; per oz., 25c.

Queen of the Isles. White ground, distinctly striped with bright carmine. Good form and strikingly beautiful flower. 10c. per pkt.; 20c. per oz.

Violet Queen. Rosy pink, stranded with large, widely expanded violet wings. 10c. per pkt.; 20c. per oz.

PANSY.

Benary's Ne Plus Ultra. In finest mixed blotched varieties; very effective. Per pkt., 25c.

NEW COMET ASTERS.

This beautiful new class of Asters was introduced two or three years ago, and has given the highest satisfaction, there being a pink variety, bordered with white, and a solid rose colored one. The flowers differ from all others in having long, wavy and twisted petals, formed into a half globe, resembling the Japanese Chrysanthemums; flowers 3½ to 4½ inches across.

Light Blue. A magnificent, bright, light blue. 25c. per pkt.

White and Rose. 25c.

Pink, Margined White. 25c.

Carmine. 25c.

HOLLYHOCK.

Carter's Superb Collection.

We offer this unrivaled strain in superb mixture, or in the following separate colors:

Apple Blossoms.....	\$ 15
Rose	10
Carmine	15
Scarlet	15
Yellow	20
All Colors Mixed	10

PANSY.

Our XX Mixture. In this we have a superb collection of varieties equal to the very best offered at higher prices, under long, glowing descriptions. Try it and be convinced. 25c. per pkt.

GREAT WHITE CALIFORNIA POPPY.

(*Romneya Coulteri*.)

A fine perennial of supreme and stately beauty; it is one of the best plants for yielding a long succession of bloom, flowering from July until November. It is of value as a cut flower, lasting well in water, and its delicate Primrose-like perfume is most acceptable in a room. The texture of the petals is extremely delicate, indeed half transparent. They never lose the crumpled folds, that in the case of most Poppies betoken a newly opened state. 25c. per pkt.

NEW GIANT AMERICAN COWSLIP.

(*Dodecatheon Clevelandii*.)

This beautiful perennial is now offered for the first time. It was discovered in California, and named by Prof. Edward L. Greene, of the State University of California. It throws up stems of flowers fully one foot high, these being surmounted with from 6 to 10 large, beautiful Cyclamen-like flowers of violet, blue, with yellow and black center. It is perfectly hardy, and a beautiful plant for partially shaded situations. Per pkt., 25c.

DOUBLE PETUNIA.

Large Flowered Robusta. (Benary.) A superb strain worthy of general cultivation. All colors mixed. Per pkt., 40c.

NEW RED BALSAM APPLE.

(*Momordica Involucrata*.)

A beautiful new rapid growing luxuriant climber from the mountains of Natal. The vines are strong, climb high and in every direction, rapidly covering trellises, arbors, etc., with vivid green, deeply cut foliage. The flowers are borne in lavish profusion and are very large, some are creamy white dotted with black, and others are pure white with red pistils. The flowers are succeeded with beautiful sulphur-yellow fruits two inches long, which change to rich carmine-scarlet; when ripe they burst and show the seeds of blood-red color. As the fruit and flowers are borne on the vine at the same time, the gorgeous effect can be imagined.

DWARF PERENNIAL PHLOX.

This new race grows only from twelve to eighteen inches high. The bushes are pyramidal shaped and the flowers, which are large, finely shaped, and of the richest colors, are produced from July till late in the fall. The Perennial Phlox are known to be among the most valuable of our hardy flowers, and this dwarf form cannot fail to be very useful for the borders as well as for the permanent bedding arrangements now coming into favor with plant flowers. 30c. per pkt.

BENARY'S IMPROVED CAMELLIA-FLOWERED BALSAM.

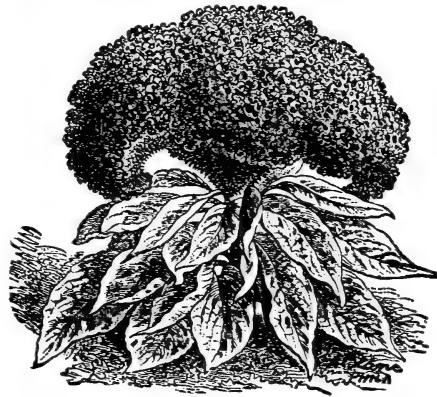
We again call attention to this superb strain of Balsams, which we offer in fine mixture, which embraces White Reflecting Lilac, Crimson, Rose Spotted, Pure Scarlet, Violet Spotted, Scarlet Spotted. 25c. per pkt.

PETUNIA.

Hybrida Grandiflora Fimbriata. This grand strain is offered in all varieties mixed. Per pkt., 25c.

COCKSCOMB, "Queen of the Dwarfs."

This is the finest Cockscomb we ever saw, the average being eight inches. The combs measure from 7 to 10 inches across, of perfect form and brilliant dark scarlet. A beautiful variety for garden or pot culture. 25c. per pkt.



COCKSCOMB.

The Gorgeous Annual Poinsettia.

"Mexican Fire Plant," or "Fire in the Mountain."

(*Euphorbia heterophylla* or *cyathophora*.)

This glorious novelty is an annual of the earliest culture,

POINSETTIA—Continued.

forming bushy plants three to four feet high, with glossy green fiddle-shaped leaves, which form at the end of the branches into large whorls and bracts, among which small green flowers appear in summer, and immediately after the leaves commence to color up. Any one who has seen the gorgeous scarlet *Poinsettia pulcherrima* about Christmas in our green-houses can form some idea of the beauty of this annual. The seeds grow easily if sown in the open ground as soon as it is warm enough, but if they can be started early in the house or hot bed, the brilliant scarlet color will appear much earlier in the season, and is always retained until frost. Seeds sown early in the summer will produce plants that will retain their growing scarlet leaves and bracts all winter. 25c. per pkt.

COSMOS HYBRIDUS.

A charming autumn flowering plant, requiring treatment

similar to the Dahlia. The flowers are borne profusely in loose cluster, and present a charming appearance. Seed should be sown early in the spring and the plants transplanted to the open border when danger from frost is past. It begins to bloom in July and continues until cut down by frost. 25c. per pkt.

TULIP POPPY.

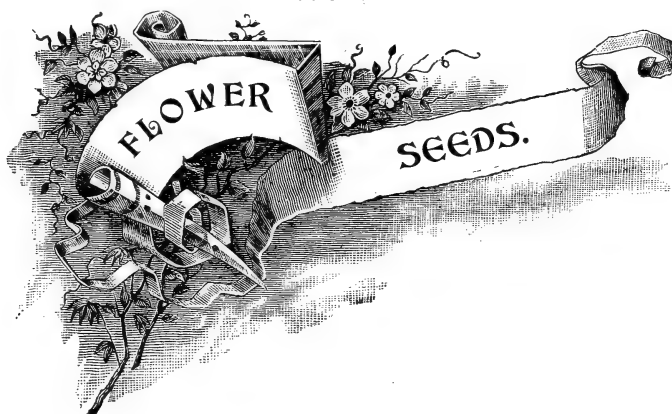
Papaver Glaucum. This splendid decorative annual is a native of Armenia, whence it was recently introduced. The plant grows from 12 to 14 inches high, and produces from 50 to 60 large flowers, and in color of the most vivid scarlet. The intensity and brilliancy of the color reminds one of the well known Scarlet Duc Van Thul Tulip, hence the appropriateness of the popular name, "Tulip Poppy." It is specially suited for the formation of brilliant masses of color, or for imparting brightness to more somber plants. Per pkt., 30c.

Henderson's New Chrysanthemums of China and Japan.

"The magnificent and regal beauty of these Chrysanthemums has placed them on a wave of popularity unequalled in the floral world, and we are only surprised that they have but so recently aroused enthusiasm in this country, when we consider that for years they have been the popular favorites in China as well as being the **National and Royal Flower of the Japanese Empire.** It may, however, be owing to the fact that hybridizers have only recently awakened to the possibilities in this direction, and that the choicest varieties in China and Japan have been so sacredly guarded in the gardens of the wealthy Orientals, that we have been unable to procure any of their representative gems until recently. The recent introductions, however, have given us an insight into the marvels of perfect form, soft and plume-like grace of the flowers, combined with a wealth of delicate colors and exquisite blendings, that may be expected. These merits accompanied with their luxuriance of growth and ease of culture place them in the front rank as 'the flower for everybody.'" Price of seeds of "New Chrysanthemums of China and Japan," in mixture, per pkt., 25c.

GENERAL LIST

.. OF ..



For Novelties in Flower Seeds see Pages immediately preceed ng this General List.

ANNUALS grow, bloom and die the first year from the Seed.

BIENNIALS bloom the second year from Seed, and then die; though many, if sown early in the spring, will flower the first year.

PERENNIALS usually bloom the second year from Seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

All Flower Seeds sent by mail on receipt of Price.

TIME OF SOWING, ETC.

Hardy Annuals. May be sown in the open border from April to June. Before sowing, which should be done on a fine, dry day, carefully prepare the soil, and in covering regulate the depth by the size of the seed. Small seeds should be very lightly covered. Success in growing annuals depends, in a great measure, upon their being properly thinned to regular distances so as to leave room for the full development of each plant. This, in too many instances, is entirely neglected; hence the dissatisfaction so often expressed as to their use.

Half-Hardy and Tender Annuals. May be sown in March and April, in shallow boxes, and placed in a slight hot-bed, and, when strong enough, pricked out into a cool frame near the glass, where they may get hardened and well established for transplanting into their blooming quarters in May. Under ordinary circumstances most of the varieties will bloom freely if sown in the open ground about the middle of May.

Biennials and Perennials. The more select and tender varieties for summer and autumn blooming may be sown in a gentle heat in March and April, and treated in the manner recommended for half-hardy annuals. The hardy kinds may be sown in the open border from April to August in prepared beds, and, when strong enough, potted off singly or transplanted to where they are intended to bloom. During the winter protect the plants with a slight covering of leaves or coarse manure.

ABRONIA.

Pretty creeping plants, with Verbena like heads of sweet scented flowers; very effective in beds, rock-work or hanging-basket; succeed in light, rich soil; half-hardy annuals.

Abronia Umbrellata Grandiflora, rosy lilac 10

ACROCLINUM.

One of the best of the everlasting flowers. Gather the flowers for drying as soon as they open: one foot high; half-hardy annuals.

Acroclinum Roseum, bright rose 5
 **Album**, white 5
 **Roseum**, fl. pl. Double Acroclinum. A desirable novelty. The flowers are somewhat larger than those of the single sort. About 75 per cent. of doubles will be obtained from the seed 10

ADLUMIA—Mountain Fringe or Allegheny Vine.

A beautiful Climbing plant of graceful habit; hardy annual.

Adlumia Cirrhosa, white, 12 feet 10

ADONIS.

The flowers are very brilliant; bloom a long time; fine foliage; set eight inches apart.

Adonis Vernalis, red, 1 foot, hardy perennial 5
 **Autumnalis**, crimson, 1 foot, hardy annuals 10

AGROSTEMMA.

Attractive, free-flowering herbaceous plants, growing freely in any common garden soil.

Agrostemma Nana Flimbriata 10
 **White**, pure 5

AGERATUM.

Valuable hardy annuals for beds or borders, but most useful for cutting; continue in bloom the whole summer, and do well in almost any soil; flowers small, in cluster; good for winter flowering in the house; cover seed very lightly; set six inches apart.

Ageratum Mexicanum, blue, 1 foot 5
 **Albiflorum Namum**, white, six inches 5
 **Lasseauxii**, rose colored 5
 **Swanley Blue**, charming large flowering variety. 10

ALYSSUM.

Very free blooming plants, useful for beds, edging, etc.; flowers fragrant and much used for bouquets.

Alyssum, Sweet, hardy annual; flowers white, small and sweet, in clusters, 6 inches 5
 **Weiszbeckii**, hardy perennial; flowers yellow; blooms first season; 1 foot 5
 **Sextile Compacta**, showy, hardy, perennial, yellow 5

ALONSOA.—Masked Flower.

Very attractive, free blooming bedding plants, flowering all summer; half hardy annuals.

Alonsoa Grandiflora, large flowered, scarlet, 2 feet 5
 **Albiflora**, new, quite constant 10

AMARANTHUS.

Amaranthus Bicolor Ruber. A very fine new bedding plant, the lower half of leaf being fiery scarlet, the upper half maroon; sometimes tipped with yellow 5

..... **Tricolor Giganteus**. (Joseph's coat.) Leaves red, yellow and green 8

..... **Melancholicus Ruber**. Of compact habit, with striking blood red foliage, 18 inches 10

..... **Caudatus**. (Love lies bleeding.) Long drooping chains of flowers, very pretty for decorating 5

..... **Salicifolius**. (Fountain plant.) Pyramidal, 2 or more feet in height. Leaves long, narrow and wavy. At first the leaves are bronzed green, becoming purplish-red, particularly at the extremities, as plant attains age 10

..... **Abyssinicus**. Splendid for isolated specimens on lawns, also for large groups 25

AMPELOPSIS VEITCHII.

Per pkt.
 "Japanese Ivy," or "Boston Ivy." The young growth during summer is a dark purplish green, changing in fall to the brightest tints of scarlet, crimson and orange, and is our finest hardy climber for covering stone and brick buildings, old trees, etc. H. P. climber, 50 feet 10

AMMOBIUM.

A leading everlasting flower; bears white flowers, and should be grown the same as Aster; hardy annual.

Ammobium Alatum, white, 2 feet 5
 **Grandiflorum**, pure white and double the size of the preceding 10

ANTIRRHINIUM.—Snapdragon.

One of the most useful summer and autumn flowering perennials, vying with the Carnation in the variety of their stripes and spots. Sow in sitting room, hot-bed or green-house, from February 1st to April 1st, and plant out in May for early and continuous bloom. Or sow in open ground during the summer, if for flowering the next season; perennial.

Antirrhinum Majus, best varieties mixed 5

..... **Alba**, white 10

Dwarf, best varieties, mixed 5

ARISTOLOCHIA.—Dutchman's Pipe.

A highly ornamental climbing plant, with curiously shaped flowers; hardy perennials.

Aristolochia Sypho 10

ANAGALLIS.

Very small plants. Valuable for rock work or vases; half-hardy annua s.

Anagallis Finest Mixed 10

ASTER.

This splendid class of annuals is one of the most popular and effective of our garden favorites, producing in profusion flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil, and in hot, dry weather, should be mulched well with rotted manure, and supplied liberally with water. For early flowering, sow in sitting-room, hot-bed or green-house from January to April, in an average temperature of 60 degrees, in light, rich soil, in shallow boxes. When the seedlings are fit to be handled, transplant into similar boxes one inch apart, and plant in the open ground in May or June. Press the seed into the soil with a smooth board and cover lightly; half-hardy annuals.

Queen of Earlies Mignon, rose and white.

Comet, carmine, white and rose.

Ball or Jewel, rose and white.

For description and prices, see pages 12 and 13.

Aster Truffaut's Pæony-Flowered Perfection. (Benary's Improved.) Very large, beautiful flowers, petals long; one of the best; 18 to 24 inches; mixed 15

..... **Truffaut's Pæony-Flowered Perfection**, brilliant crimson 15

..... **Chrysanthemum-Flowered Dwarf**, a most desirable class about one foot in height, with large, perfect flowers, a free bloomer; late, and desirable on this account, as well as for its great beauty; mixed color 15

..... **Chrysanthemum-Flowered Dwarf**, white 10

..... **German Quilled**, late branching and good habit; mixed colors 10

..... **Dwarf Bouquet** (Boltze), 10 inches high, abundance of flowers; very early; mixed colors 10

..... **Rose Flowered**, fine mixed; the flowers are very large and double 15

..... **Rose Flowered**, white 15

..... **Victoria**, one of the finest Asters in cultivation; flowers very large, perfectly double; imbricated and globular; twenty inches in height; choice mixed colors 15

..... **Victoria Snow White**, a most beautiful variety of the preceding; flowers pure snowy white 15

..... **New Dwarf Pæony Perfection**, one of the very finest of recent introduction; mixed 15

..... **New Dwarf Cocardeau or Crown**, the central petals are pure white, surrounded with large, flat petals of a bright color; mixed; 18 inches 15

..... **Washington**, an exceedingly large and fine variety. Flowers have been grown five inches in diameter and perfect; mixed colors 20

Mixed. All varieties 10c. per paper; \$1.25 per oz.

AQUILEGIA—Columbine.

A very showy and in every way interesting and beautiful genus of hardy perennials. Flowers curious and fine; colors varied and striking; blooms early in the summer; seed may be sown in the open ground.

<i>Aquilegia</i> . Finest mixed, single and double.....	10
<i>Alba</i> , fl. pl. Double white.....	10

ASPERULA.

Asperula Azurea Setosa is a profuse-blooming, hardy annual of dwarf habit, bearing clusters of small light blue, sweet-scented flowers, admirable for making up in small bouquets.

<i>Asperula Azurea Setosa</i>	5
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BARTONIA.

Plants of a succulent character, with large golden flower, expanding only in the middle of the day. When in perfection this is a fine plant, and although its habits and foliage are less attractive than some other annuals, in size and brilliancy of blossoms, it is inferior to none. Culture the same as *Aster*. Hardy annual.

<i>Bartonia Aurea</i> . Very showy; golden yellow; 2 ft.....	5
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BALSAM—Lady Slipper—Touch-Me-Not.

Indispensable for conservatory or outdoor decoration; particularly valuable for beds or masses, their flowers being produced in great profusion and of the most brilliant color: if transplanted two or three times the growth is checked and flowers, in consequence, are larger and more double; 2 feet; tender annual.

<i>Balsam</i> , Double Rose-flowered German. Mixed.....	10
White.....	15

<i>Balsam</i> , New Victoria, satin-white, beautifully punctured and spotted with scarlet.....	20
Camellia-flowered, white.....	25

<i>Benary's Improved Camellia Flowered</i> , very large and fine; all colors mixed.....	25
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BRACHYCOME—Swan River Daisy.

Pretty dwarf-growing, free-flowering plants, covered all summer with a profusion of cineraria-like flowers, succeeding well in any light soil. Half-hardy annuals.

<i>Brachycome Iberidifolia</i> , blue.....	10
Alba, white.....	10

BROWALLIA.

Very handsome, profuse-blooming plants, growing freely in any good soil. Half-hardy annuals.

<i>Browallia Elata</i> , mixed.....	5
Czarwiakowski, deep blue, very fine.....	10
Roezlii, splendid flowers, white and blue, double the size of other species.....	25

CACALIA.—Tassel Flower.

Free growing, profuse blooming plants, with clusters of pretty tassel shaped flowers. Hardy annuals. Treat same as *Aster*.

<i>Cacalia Coccinea</i> , scarlet, 18 inches.....	5
Coccinea Lutea, yellow, 18 inches.....	5

CANNA.—Indian Shot.

Stately plants, and highly ornamental; will flower the first season, if the plants are raised early in the hot-bed so that they are strong at time of setting out in the garden. The foliage is beautiful; flowers mostly scarlet and orange. Soak the seed twelve hours in warm water before sowing; perennials.

<i>Cozy's New Dwarf</i> . See Novelties in Flower seeds, page 12.....	15
<i>Canna Gigantea</i>	10
Nepalensis, superb yellow flowers.....	15
Indica Rubra, red, 2 feet high.....	10
Compacta Elegantissima, large reddish-yellow, free flowering, 2 feet high.....	10
Selowii, scarlet, profuse bloomer, from Africa; very fine.....	10
Warszewiczii, brilliant red, foliage striped, three feet.....	10
Mixed Varieties.....	10

CALLIRHOE.

Beautiful, free flowering, hardy annuals, grow freely from seed and are easily transplanted. Plant 12 to 18 inches apart. Treat same as *Aster*.

<i>Callirhoe Pedata</i> , purplish crimson, with white edge, two feet.....	10
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CALAMPELIS.

Calampelis Scaber (*Eccremocarpus Scaber*), a very beautiful climber, of rapid growth, attaining a height of 10 feet in season, with a pretty foliage, producing in great abundance clusters of tube-shaped flowers of bright orange color. Tender annuals. Culture same as *Aster*.....

CALANDRINA.

Fine free-flowering creeping plants, suitable for rock-work or hot, dry situations. Hardy annuals. Culture same as *Aster*.

<i>Callandrina Umbrellatta</i> , rich violet crimson, exceedingly beautiful; 6 inches.....	5
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CALANDULA.—Cape Marigold.

Coarse, free-flowering hardy annuals, growing freely in almost any soil.

<i>Calandulus Officinalis le Proust</i> , now uniformly double nankeen, edged with brown.....	10
<i>Ranunculoides</i> , fl. pl., double, small flowered.....	5

CALLIOPSIS, OR COREOPSIS.

A very useful and showy class of hardy annuals of almost every shade of yellow, orange and rich brown, finely marked; 2 feet in height; appear best when grown in a mass. Treat same as *Aster*.

<i>Calliopsis</i> , mixed.....	5
Canciolata, hardy perennial; flowers clear yellow.....	10

CANDYTUFT.

One of the most popular hardy annuals; almost equally so as Sweet Alyssum; like it, it is of the easiest culture and grown for a variety of purposes almost all the year round. Same cultural direction as for *Aster*.

<i>Candytuft</i> , White, sweet-scented, 1 foot.....	5
Dunnett's Dark Crimson, 1 foot.....	5
Lilac or Purple.....	5
Mixed, all colors.....	5

CAMPANULA.—Canterbury Bells.

A class of plants generally of strong growth, perfectly hardy, free bloomers and of great beauty. Seed may be sown in the open ground. The following are biennials.

<i>Campanula Medium Single</i> , mixed.....	5
Double, mixed.....	10
New, Large Flowered (mixed <i>Campanula Balcathema</i>).....	15

The following are annuals, and make handsome masses or borders:

<i>Campanula Speculum</i> , mixed colors.....	5
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CARNATION AND PICOTEE PINKS.

Very popular favorites, unequalled for their varied and richly-colored flowers and fragrant perfume; succeed best in light, rich soil; half-hardy perennials.

Fine German, mixed, good quality, open ground.....	15
Ex. Fine German, from stage flowers.....	25
Grenadin, scarlet, dwarf habit, profuse bloomer.....	25
Margaret. For description and price see Novelties, p. 12.	

CARDIOSPERMUM.—Baloon Vine.

Cardiospermum Calicacabum, a curious half-hardy annual from India, called "Baloon Vine," on account of its inflated capsule.....

CATCHFLY.—Silene.

Free flowering, hardy annuals, growing 1 foot high; should be grown to form clumps; plant six inches apart.

<i>Catchfly</i> , mixed colors.....	
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CELOSIA.

Very attractive and showy annuals; when well grown, unsurpassed; succeed best when started in a hot-bed and transplanted into rich, warm soil; half-hardy annuals.

<i>Celosia Dwarf Varieties</i> , mixed.....	10
..... <i>Tall Varieties</i> , mixed.....	10
..... <i>Japonica</i> . (New Japanese Coxcomb.) A new variety of great beauty from Japan.....	10
..... <i>Tom Thumb</i> , novelty; quite constant.....	10

CENTAUREA.—Dusty Miller.

The following varieties are among the best silver foliaged plants in cultivation. Sow from December to April, in shallow boxes, in a temperature of 60 degrees. As soon as the young plants can be handled, transplant singly into small pots or shallow boxes, where they may remain until the time of planting out in the open ground in May; half-hardy perennials.

<i>Centaurea Candissima</i> , silvery-leaved, half-hardy perennial.....	15
<i>Gymnocarpia</i>	15
The following are annuals:	
<i>Centaurea Cyanus</i> (Corn Bottle), mixed.....	5
..... blue.....	5
..... <i>Cyanus</i> , fl. pl. (See page 13.).....	10
..... <i>Moschata</i> (Sweet Sultan), mixed.....	5
..... <i>Americana</i> , a strong growing variety, very large flowers; a light purple.....	5

CENTRANTHUS.

Free blooming, compact, hardy annuals, very delicate, yet effective in beds or edgings. This is a class that pleases all, especially when in masses.

<i>Centranthus</i> , mixed, red and white.....	5
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CERASTIUM.

Silver-leaved plants, very suitable for edgings and rock-work; hardy perennials.

<i>Cerastium Bierbetsternii</i> , leaves silvery-white; $\frac{1}{4}$ foot.....	10
..... <i>Tomentosum</i> , gray colored leaves; $\frac{1}{4}$ foot.....	10

COBÆA.

A beautiful, rapid-growing, climbing plant, with large, handsome, bell-shaped flowers. Sow early, and plant out early in June. In sowing, place the seeds on edge and cover slightly; half-hardy perennials.

<i>Cobæa Scandens</i> , 20 ft.....	10
..... <i>Scandens Alba</i>	20

COLLINSIA.

Delicate, pretty, free-blooming hardy annuals; not showy, but desirable in a large collection. Same treatment as *Asters*.

<i>Collinsia Multicolor Marmorata</i> , mixed varieties.....	5
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COSMOS.

Of strong growth, having elegant foliage, and for fall blooming has no superior. Seed sown in April or May and transplanted to open ground will produce plants five or six feet high by September, and from then till November will be covered with hundreds of blossoms three inches across, resembling single Dahlias. Planted in pots and brought inside to flower like *Chrysanthemums*, they are grand. They are of various shades, from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. One of the most beautiful fall flowers. Per pkt., 10c.

..... <i>White</i>	10
..... <i>Mixed Colors</i>	10
..... <i>Hibridus</i> (See Novelties, page 14).....	25

NEW GIANT AMERICAN COWSLIP.

See Novelties, Page 13.

CONVOLVULUS MAJOR—Morning Glory.

The well-known Morning Glory makes a rapid growth, completely covering arbors, trellises, etc., in a very short time; half-hardy annuals.

<i>Convolvulus Major</i> , <i>White</i> , striped blue.....	5
..... <i>Carminé</i>	5
..... <i>White</i>	5
..... <i>All Colors</i> , mixed (20c. per oz.).....	5

CONVOLVULUS MINOR.

A free-blooming, very popular and beautiful hardy annual, trailing in habit, and makes beautiful masses; they attain an average height of one foot.

<i>Convolvulus Minor</i> , choicest mixed varieties.....	5
..... <i>Kermesinus Violaceus</i> , very brilliant.....	5
..... <i>Mauritanicus</i> , beautiful for hanging baskets and vases; flowers blue; hardy perennial.....	5

CHRYSANTHEMUM.

The great growing demand for the annual varieties has brought *Chrysanthemums* into general favor; the leading sorts now grown for cut flowers at nearly all seasons are *Burbridgeanum* and *Venustum*, exceedingly beautiful sorts, the colors having the appearance of being laid on with a brush, and for this reason they are frequently called "painted daisies." Cultural directions given for *Asters* will here apply.

<i>Chrysanthemum</i> , <i>Choice Mixed Varieties</i> , Annual.....	5
..... <i>Coronarum Imbricatum</i> fl. pl. This splendid new Double Annual <i>Chrysanthemum</i> differs most markedly from the old types in the arrangement of its petals, which instead of lying flat upon one another, are vaulted and arranged like tiles. The blooms are globular in shape, very double, and of an intensely glowing golden yellow color. These flowers, which are produced profusely until very late in the autumn, are unsurpassed for decorative purposes, and preserve their brightness and beauty for about ten days after cutting.....	25
..... <i>Burridgeanum</i> , crimson, white center; hardy annual, 1 foot.....	5
..... <i>Frutescens</i> (Marguerite or Paris Daisy), white star shaped flowers; exceedingly popular for decorative purposes; flowers freely under the most ordinary culture, $1\frac{1}{2}$ feet.....	15
..... <i>Tricolor</i> , white, with yellow band; very showy; 1 foot.....	5
..... <i>Venustum</i> , white, crimson center; hardy annual; 1 foot.....	5
..... <i>Henderson's New Chrysanthemums of China and Japan</i> . (See Novelties, page 14.)	

CLARKIA.

An old and favorite annual, growing and producing freely its cheerful-looking flowers under almost any circumstances; hardy annuals.

<i>Clarkia</i> , <i>Fine Mixed</i>	5
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CYPRESS VINE.

(See *Impomea*.)

DAHLIA.

A noble autumn flowering plant; half-hardy perennial; rarely blooms first season.

<i>Dahlia</i> , <i>Fine Mixed Double</i>	10
..... <i>Fine Mixed Lilliput</i>	50
..... <i>New Single</i> . Many of the varieties are very beautiful; the colors are rich and very distinct.....	25

DAISY DOUBLE—Bellis Perennis.

Hardy perennials: flowers late the first season.

<i>Daisy Double</i> . Best German seed, from collection flowers, mixed colors.....	15
..... <i>Double</i> , white.....	15
..... <i>Longfellow</i>	25



DIANTHUS HEDDEWIGII, FL. PL.

DIANTHUS.

A magnificent genus, embracing some of the most popular flowers in cultivation.

CARYOPHYLLUS and its varieties are the most admired Carnations.

BARBATUS is the well-known Sweet William.

CHINENSIS and its varieties are known as India Pinks.

HEDDEWIGII AND LACINATUS are splendid new sorts, with flowers almost three inches in diameter and of the most brilliant colors.

Dianthus Chinensis, hardy annual; best mixed; double 5

Dianthus Heddewigii, Single Mixed, very choice.....10

..... *Plumaris* (Pleasant Eye Pink), very fragrant; hardy perennial.....15

Heddewigii Flor Plena, hardy annual; very beautiful; best mixed.....10

..... *Diadematus*, fl. pl., of the most brilliant markings and dazzling colors.....15

..... *Heddewigii Lacinatus*, fl. pl., magnificent double flowers, very large petals; deeply serrate; color fine.....15

..... *Lacinatus Simplex*. For description and price, see Novelties, page 12.

..... *Barbatus*, *Dunnett's Blood Red* (Sweet William), hardy perennial.....10

..... *Barbatus* (Sweet William), single, finest mixed.....10

..... *Barbatus*, Double Mixed (Sweet William).....10

DATURA.

Plants of a highly ornamental character, with large, trumpet-shaped flowers. The roots may be preserved in sand in a dry cellar through winter; half-hardy perennials.

Datura Humilis, flava, fl. plena, rich golden yellow; a magnificent, free-flowering, sweet scented variety; 2 feet.....10

..... *Wrightii*, bell-shaped flowers, 8 inches long; white bordered with blue; 2 feet high.....10

DELPHINIUM—Larkspur.

Hardy perennials. If sown early they will produce flowers the first year. Sow in January, February or March, in shallow boxes; scatter the seed thinly and cover lightly. Transplant in similar boxes when the young plants have made three or four leaves. In April or May plant where they are to flower, which should be in partial shade.

Delphinium Formosum, brilliant blue, white eye..... 5

..... The following are hardy annuals:

..... *Double Dwarf Rockets*, fine, mixed colors 5

..... *Double Stock Flowered*, very fine for cutting; mixed colors..... 5

..... *Emperor*, fine mixed.....10

DICTAMNUS.

A desirable hardy perennial, with racemes of large, showy flowers, often a foot in length; the leaves are beautiful in color and form. It is desirable in the border and for decorative purposes where large flowers are admissible.

Dictamnus Fraxinella, mixed varieties.....10

DIGITALIS.

Showy and useful perennial for border; blooms the second year from seed.

Digitalis, Best Mixed Varieties..... 5

DOLICHOS—Hyacinth Bean.

Beautiful climbing plants of free growth, flowering in clusters; tender annuals.

Dolichos Lablab, purple..... 5

..... *Alba*, white..... 5

EUPHORBIA.

Euphorbia Marginata, a native of our Western States and Territories, and called "Snow in the Mountains." A charming oriental-leaved annual; edges of leaves snowy white..... 5

ESCHSCHOLTZIA.

Leaves finely cut; flowers yellow, orange and white; known as the "California Poppy;" height of plant, 6 to 12 inches.

Eschscholtzia, mixed..... 5

EUTOCA.

Coarse, showy plants; do best in warm, sandy soil, where they flower most abundantly; desirable for cutting.

Eutoca Vicida, dark blue..... 5

..... *Multiflora*, blue; flowers more freely than the above..... 5



GAILLARDIA.

GAILLARDIA.

A class of plants remarkable for the profusion and brilliancy of their flowers; very effective and showy; half-hardy annuals.

Gaillardia Picta Lorenziana.....10

..... *Grandiflora*, crimson and yellow..... 5

..... Mixed..... 5

GERANIUM.

Sow in dwelling-house, hot-bed or greenhouse, in spring, in shallow boxes, in a temperature of 60 degrees. Transplant into similar boxes or small pots, when the seedlings are fit to handle. Plant out in May, or for later flowering sow in August or September.

Geranium Zonale, fine mixed.....10

..... *Apple-Scented*, very scarce.....25

GLADIOLUS.—Bulbs.

For description and prices see Plant Department of this Catalogue.

GILIA.

Very pretty dwarf plants, will bloom in almost any situation; well adapted for massing; hardy annuals.

Gilia, finest mixed..... 5

GLOXINIA.

A superb genus of greenhouse plants, producing in great profusion beautiful flowers of the richest and most brilliant colors. Same culture as Begonia.

Gloxinia, the finest mixed, French Hybrids.....50

GODETIA.

Attractive hardy annuals, well deserving of the most extensive cultivation; their profusion of bloom and delicate tints of color have rendered them universal favorites.

Godetia, the *Bride*, pure white, with crimson belt; a beautiful variety..... 5

Lady Albemarle, brilliant dark crimson, very fine.....10

GYPSOPHILA.

Elegant, free-flowering little plants for rock work or small beds; hardy annuals.

Gypsophila Elegans, white, fine for bouquets, 6 inches 10

..... *Muralis*, pink flowers, fine for rock work, 4 inches 5

GOURDS AND CUCUMBERS—**Ornamental.**

A very useful class of plants for covering old trees, walls, fences, arbors, etc. The foliage is abundant, while the fruit is of the most singular forms, and of bright, peculiar markings; tender annuals.

New Red Balsam Apple. For description see Novelties, page 13.....25

GOURDS AND CUCUMBERS—

Continued.

Per pkt.

Gourd, <i>Herculus Club</i> , large, long, club-shaped	10
..... <i>Memordica Balsamina</i> , very pretty, orange and red	10
..... <i>M. Charantia</i> , Balsam pear	10
..... Calabash, old fashioned dipper gourd	10
..... Large Varieties, Mixed	10
..... Small Varieties, Mixed	10
..... Powderhorn	10
..... Pear-shaped, yellow and green striped	10
..... Cucumber <i>Curcubita Longissima</i>	10
..... <i>Cucumbis Depscaceous</i> , teasel-like, yellow; very elegant	10

GOMPHRENA—Globe Amaranth.

Remarkably handsome everlasting. The flowers may be cut in summer and reserved for winter bouquets; half-hardy annuals

<i>Gomphrena Globosa Alba</i> , pure white	5
..... Fine Mixed	5
..... Variegata, variegated	5
..... <i>Globosa Rubra</i> , dark purplish crimson	5

GRASSES—Ornamental.

The ornamental grasses are useful in various ways. Many of the varieties are very curious and beautiful, and when dried and tastefully arranged in connection with the Everlasting Flowers, make exceedingly attractive winter bouquets. They are mostly annuals, and those which are not, with the exception of the Pampas Grass, flower the first year. They are perfectly hardy.

Grasses, <i>Arundo Donax</i> , fol. Variegatis	25
..... <i>Avena Sterillis</i> (Animated Oats). 30 inches high	5
..... <i>Bromus Brizaeformis</i> , a very fine grass with elegant hanging ears, well adapted for bouquets either in summer or winter. 1 foot	5
..... <i>Coix Lachryma</i> (Job's Tears). Grows about 2 feet. Broad, corn-like leaves	5
..... <i>Erianthus Ravenae</i> , new, as fine as Pampas Grass, which it resembles, and very much superior for northern climate, being quite hardy; 8 to 12 feet	15
..... <i>Gynerium Argentum</i> (Pampas Grass). A noble grass, flowers second season; not quite hardy	25

HELICHRYSUM.

Handsomeness everlasting flowers, hardy annuals, exceedingly effective in the flower border and indispensable for winter bouquets, for which cut before flowers are fully expanded, and dry in the shade.

<i>Helichrysum Monstrosum</i> , large mixed colors	5
..... <i>Nanum</i> , dwarfed mixed colors	5
..... <i>Monstrosum Alba</i> , white	5
..... Roseum, rose	5

HOLLYHOCK—Althea Rosea.

Hardy biennials. In situations suitable for tall flowers nothing can be finer than the Double Hollyhocks. Sow from June to August in light soil. Thin out the seedlings sufficiently early to allow individual development of growth. In October plant out where to bloom. The plant should have a mulching of leaves or litter for protection, or should be planted in cold frames for early flowering. In our climate it is best to sow every season, treating the plants as biennial.

Hollyhock Double, very fine mixed	15
..... Fine, mixed	5
..... Double White, very fine	15
..... Charter's Superb, see Novelties, page 13.	

HELIPTERUM.

One of the choicest everlasting flowers; the plant grows about a foot high; flowers are small, of a rich yellow color, and grow in rich globular clusters.

<i>Helipterum Sandfordii</i>	15
..... <i>Corombiflorum</i> , white	15

HUMULUS JAPONICUS.

This is a new annual Hop from Japan, which is said to be not only very ornamental, but also an extremely rapid growing climbing plant. The foliage resembles in shape that of the common Hop, but has more incisions. The foliage green, stems and leaves somewhat rough and hairy. The most valuable characteristics of this new climbing plant is that it can be sown in the open ground in spring, and attains a very large size in a short time. It thoroughly withstands heat, drought and insects, retaining its fresh and lively green color until late in the fall

ICE PLANT.

Per Pkt.

A very singular, dwarf, trailing plant; the leaves and stems are covered with crystalline, giving it the appearance of being covered with ice. Half-hardy annual. Culture same as for Aster.	
<i>Mesembryanthemum Tricolor</i> (Dew plant). Pink, with purple center	5
..... <i>Crystallinum</i> (Ice Plant)	5

IMPATIENS SULTANA.

<i>Impatiens Sultana</i>	15
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IPOMEA.

This genus contains some of the most varied and beautiful flowers in cultivation. For covering old walls, trellises, arbors, stumps of trees, etc., they are invaluable; tender annuals. For early flowering sow in sitting-room, hot-bed or green-house, from January to April, in an average temperature of 60 degrees, in light, rich soil, in shallow boxes. When the seedlings are fit to handle, transplant into similar boxes one inch apart, and plant in the open ground in May or June. Press the seed into the soil with a smooth board and cover lightly.

<i>Ipomea Grandiflora</i> , or Moon Flower, large white flowers, very fragrant, opening at dusk. (Plants, 15 to 25 cents each.)	10
..... <i>Bona Nox</i> , Lilac colored blossoms	10
..... <i>Limbata Elegantissima</i> , a beautiful variety with large Convolvulus-like blossoms or a rich blue, with a conspicuous margin or ball	10
<i>Ipomea Quamoclit</i> , Cypress Vine, scarlet	5
..... rose	5
..... white	5
..... mixed	5

LANTANA.

Charming plants, with brilliant rosettes of blossoms in various hues of purple, pink, orange, etc., excellent either for pot or border culture; half-hardy perennials.

<i>Lantana Hybrida</i> , finest mixed	10
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LATHYRUS—Everlasting Pea.

Very ornamental, free-flowering plants, useful for covering trellises, old stumps, fences or walls, growing in any common garden soil; hardy perennials.

<i>Lathyrus Latifolius</i> , mixed colors	5
..... <i>Albus</i> , white	5
..... <i>Roseus</i> , rose colored	5
<i>Pride of California</i>	15

LEPTOSIPHON.

A genus of low, hardy annuals, with small, beautiful flowers; not showy, but delicate and pretty. Plant in a cool place, as they will not always stand the extreme heat of summer.

<i>Leptosiphon</i> , best mixed varieties	5
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LINUM.

Very beautiful, half-hardy annuals; of neat, slender habits; continue to bloom through the summer; height from 15 to 20 inches.

<i>Linum Grandiflorum Roseum</i> , very fine	10
..... <i>Rubrum</i> , red	10

LOPHOSPERMUM.

Exceedingly elegant and ornamental climbing plants, with large and handsome flowers; half hardy.

<i>Lophospermum Scandens</i> , 10 feet; rosy purple	5
..... <i>Coccinea</i> , 10 feet; bright red	15

LOBELIA.

Low-growing plants, mostly with blue and white flowers. They are admirably adapted for the front lines or ribbon borders, and for vases or hanging baskets. Sow in dwelling-house, hot-bed or greenhouse in spring, in shallow boxes, in a temperature of 60 degrees. Transplant into similar boxes or into small pots, when the seedlings are fit to be handled. Plant out in May, or for later flowering sow in the open ground in May; for winter or spring flowering sow in August or September. Half-hardy annuals.

<i>Lobelia Erinus</i> , blue, 6 inches	10
..... <i>Erinus</i> , Alba, pure white, 6 inches	10
..... <i>Erinus</i> , Crystal Palace, dark blue, splendid	10
..... <i>Erinus</i> , Erecta Crystal Palace Compacta, excellent for edgings and carpet bedding	15
..... <i>Cardinalis</i> , Queen Victoria, brilliant scarlet; perennial	30
..... <i>Paxtoniana</i> , pure white, with sky blue belt; excellent for bedding; 6 inches	10
..... <i>L. Pearl</i> , white, blue margin	10

LUPINUS.

- Per pkt.
A well-known genus, conspicuous and showy. They do not transplant well. The following are hardy annuals:
Lupinus Affinis, blue and white, 1 foot, fine 5
..... **Hybridus Atro Coccineus**, mixed colors 5
..... **Polyphyllus**, mixed perennial 5

LUNARIA BIENNIS—Honesty.

- A showy, very hardy, free flowering perennial, growing about two feet in height.
Lunaria Biennis, purple 5

LYCHNIS.

- Valuable hardy perennials, generally flowering the first year.
Lychnis Haageana, very beautiful, flowers large and brilliant vermillion 10
Mixed Varieties 10

MARIGOLD—Tagetes.

- Very effective, half hardy annuals; extremely showy in the garden, and continuing in flower from early summer till frost.
New African Marigold, "Eldorado." These beautiful Marigolds are from three to four inches in diameter, most perfectly imbricated and extremely double. It is well to say that there are at least four sections of coloring, viz.: Primrose, lemon, gold and deep orange. The proportion of double flowers is greater than in any other selection we have seen.
Marigold, New African, "Eldorado" 10
..... **African**, best mixed 5
..... **French**, tall mixed 5
..... **French**, dwarf mixed 5
..... **Tall Double Orange** 5
..... **Tagetes Signata Pumila**, the finest of all the Marigolds 10

MARTYNIA.

- Coarse, free-growing, half-hardy annuals, about two feet high; flowers large and conspicuous.
Martynia Formosa, purple, sweet-scented 10
..... **Proboscidea** 10

MATRICARIA—Feverfew.

- Very handsome and interesting herbaceous plants; succeeding in any garden soil; hardy perennials. Sow from December to April, in shallow boxes, in a temperature of 60 degrees. As soon as the young plants can be handled transplant singly into small pots or shallow boxes, where they may remain until the time of planting out in the open ground in May.
Matricaria Kapensis, fl. pl. (Double White Feverfew). 10

MIMULUS—Monkey Flower.

- Very pretty, delicate, free flowering, beautiful plants for garden or conservatory; half-hardy perennials.
Mimulus Cardinalis, fine scarlet; mixed 10
..... **Moschatus** (Musk Plant) 10
..... **Quinquervulnerus Maximus**, from finest named varieties 10

MAURANDIA.

- These beautiful summer climbers cannot be too highly recommended. They bloom the first season; half-hardy.
Maurandia Barclayana, blue and white 10
..... **Finest mixed** 10

MIRABILIS—Marvel of Peru.

- The flowers of this class are varied and beautiful, and are produced in great abundance. The roots may be preserved through winter like Dahlias, but where they are so easily raised from seed it is seldom done.
Mirabilis Jalapa, all colors mixed 5
..... **Folis Variegates**, golden striped foliage 10
..... **Longiflora**, white, exceedingly sweet scented flowers, tube 3 inches long 10
..... **Violacæa**, same as above, but violet color 10

MIGNONETTE.

- A well-known fragrant little hardy annual, essential in every garden. Quite recently the varieties of this old favorite have been enriched by two sorts that have proved distinct and decided acquisitions. These are the "Golden Queen" and "New Hybrid Spiral," which are an immense advance on previous existing sorts.

- Per pkt.
Mignonette, pyramidal, large flowered, true, fine 5
..... **Parson's New White**, very robust; flowers larger and showing more white and quite as fragrant as the old variety 15
..... **Matchet** 10
..... **Golden Queen** 10
..... **New Hybrid Spiral**, long spikes; very robust 5
..... **Large Flowering Fragrant**, 25c. an oz 5
..... **Crimson Queen**, very fine, robust, excellent for pots; red flowers 1

MYOSOTIS—Forget-Me-Not.

- A small, pretty perennial that flowers the first season, if sown early; does best in a rather moist situation. Culture same as Aster.
Myosotis Azorica, light blue, new annual 10
..... **Palustris**, blue 10

NICOTIANA.

- N. Affinis**. The flowers are an inch in length, pure white and exceedingly fragrant, and are borne in clusters. Well adapted for greenhouse or conservatory culture in winter, and the open ground in summer. Tender annual, 2 feet 10

NIGELLA.

- Curious, hardy annuals, with finely-cut flowers, and quite showy.
Nigella Damascena, fl. pl., light blue; double; 1 foot 5
..... **Nana** 5
..... **Hispanica**, fine large flower; 18 inches 5

NYCTERINIA.

- Small, half-hardy annuals, about 8 inches in height. Flowers star-shaped, sweet-scented; excellent for small beds or rock-work.
Nycteria Selaginoides, pink, with yellow center 5
..... **Capensis**, white, very sweet-scented 10

ENOThERA—Evening Primrose.

- A very fine genus of showy plants; opening their flowers suddenly in the latter part of the day, and making a very brilliant exhibition during the evening and early in the morning.
Enothera Acalis Alba, a very fine dwarf plant, the flowers are snowy white, 4 inches in diameter; half-hardy annual 10
..... **Lamarckiana**, bright yellow flowers, 3 to 4 inches in diameter, and produced in great profusion; a splendid ornamental plant; hardy perennial, 3 to 4 feet 5
..... **Rosea Mexicana**, extra fine, true 15
..... **Biennis** (Evening Primrose) 5

OBELISCARIA.

- Showy plants, to be treated as half-hardy annuals. Flowers curious, with acorn-like centers and drooping petals; 18 inches.
Obeliscaria Pulcherrima, rich violet crimson, edged with yellow 5

OXALIS.

- Very attractive and beautiful plants, with rich colored flowers, suitable for greenhouse decoration, or for rock work, or rustic baskets out of doors; half-hardy perennials.
Oxalis Rosea, a neat, erect growing plant, with bright, rose-colored flowers, 9 inches 10
..... **Tropæoloides**, deep yellow brown leaves; 6 inches; largely used for carpet-bedding 10

PASEOLUS (BEAN).

- Very useful running annuals for making screens, etc.
Paseolus Bicolor, scarlet runner 5

PENSTEMON.

- A genus of very ornamental perennials, with long and graceful spikes of richly-colored flowers, will bloom the first year if sown early in a hot-bed and transplanted in May; half-hardy perennials.
Penstemon Murrayanus, scarlet, very handsome; two feet 15
..... **Pulchellus**, several colors, mixed; one foot 15

PHLOX DRUMMONDII.

- This splendid genus of plants is unrivaled for richness of color, profusion of blossom, duration in bloom and general compactness, and whether in clumps or masses, looks equally beautiful; hardy annuals.

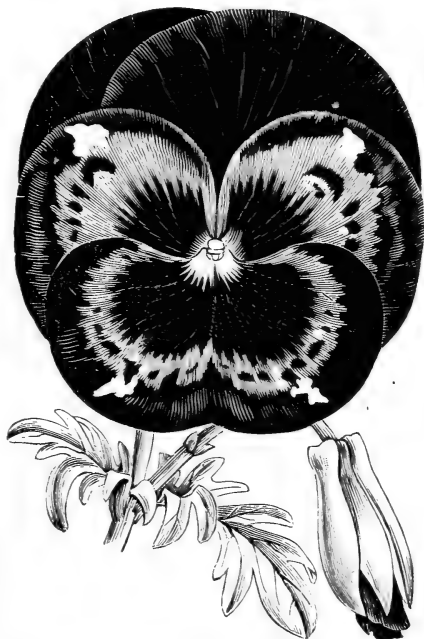
PHLOX DRUMMONDII—Continued.

	Per pkt.
Phlox Drummondii , brilliant scarlet.....	5
..... Brilliant . Brilliant rose with dark red center; very effective.....	5
..... Leopoldi , splendid red and white.....	10
..... Flore Alba , pure white.....	5
..... Black Warrior , deep blood purple.....	5
..... All Varieties Mixed , per oz., 50c.....	5
Phlox Drummondii Grandiflora . The flowers of this new section have a distinct white eye and are scarcely inferior in size or texture to those of the perennial sort.....	10
..... Grandiflora Coccinea , scarlet; splendid.....	10
..... Grandiflora Alba , pure white.....	10
..... Grandiflora , splendid mixture.....	10
Phlox Drummondii—New Dwarf . A distinct section. dwarf habit and compact growth; height about nine inches; flowers handsome.....	10
Phlox Drummondii, Nana Compacta , mixed.....	10
Phlox Decussata , hardy perennial; new varieties, mixed.....	10

PORTULACCA.

Brilliant, popular hardy annuals, with large, salver-shaped flowers of various colors. Perfectly hardy, and delights in warm situation and sandy soil.

Portulacca, Alba, Striata , white striped with rose and red.....	5
..... Thellusonii , fine crimson.....	5
..... Aurea Vera , deep golden yellow.....	5
..... Rosea , fine rose.....	5
..... Fine Mixed , per oz., 50c.....	5
..... Double Rose Flowered , finest mixed.....	15

PANSY—Viola Tricolor.**PANSY.**

A popular, well-known, hardy perennial; blooms the first season. The seed may be sown from any time from September to March, though our experience leads us to know that those spring sown—that is, during January, February or March—bloom better during the hot, dry weather in summer than those that have been sown in September and "wintered over" in cold pots or frames; these bloom earlier, but get exhausted before the hot, dry weather of summer sets in. We prefer to sow in shallow boxes (two or three inches deep) in light soil, merely covering the seed and pressing the covering slightly with a smooth board. The best temperature for pansy seed to germinate in is from 50 to 60 degrees; if much warmer they are apt to rot after coming up. As

soon as the plants are well up and give an indication of damping we plant them at an inch or so apart in shallow boxes, similar to those used for sowing the seed. A cool greenhouse—or those who have not that convenience, a cool sitting room—will answer to keep them in until the ground becomes warm enough for garden operations in spring, when they may be planted out in the open ground at once, covering up on cold nights with boards or paper. To those who have a cold frame or exhausted hot-bed, it would be best to place them there a month or so before planting in the open ground.

	Per pkt.
Our XX Mixed (See Novelties, page 13).....	25
Pansy, Trimardeau , a superb strain.....	15
..... Odier, or Large Eyed , large eyes and dark spots on each petal.....	15
..... Emp for William , large flowering; blue with purple eye; splendid.....	10
..... King of Blacks	10
..... White	15
..... Bronze Colored	10
..... Yellow , golden yellow, pure.....	15
..... Dark Blue	10
..... Fine Mixed , \$1.00 an ounce.....	5
..... Finest Mixed , from large flowering varieties.....	20

ENGLISH SHOW PANSY.

Purple Queen	15
Mauve	15
White	15
Perfection , light blue, long bloomer.....	15

PRIMULA.

Primula, Chinensis , mixed common; not fringed.....	25
..... Fimbriata Rubra , red, very fine.....	50
..... Alba , white.....	50
..... Fimbriata, Globosa Rubra	50
..... Fine Mixed	50

PYRETHRUM.

Pyrethrum Parthenifolium Aureum (Golden Feather). Bright golden foliage; one of the best bedding plants.....	10
..... Paranthifolium (Golden Rule). Double flowering.....	15

POPPY.

Plants with large and brilliant colored flowers; grow freely in any common garden soil; hardy annuals.

Poppy Danebrog . Brilliant scarlet, each of the four petals being stamped with an ivory white spot, forming a white cross on scarlet ground, somewhat resembling the Danish and Swiss national banners.....	10
Poppy Umbrosus . This makes a gorgeous display in the garden; its flowers are a rich vermilion, with a shining black spot on each petal.....	10
..... Ranunculus Flowered , small double, various colors mixed.....	5
..... Carnation , double mixed.....	5
..... Paeony Flowered , double mixed.....	5
..... white; showy.....	5
..... scarlet; handsome.....	5
..... Murselli , double; red and white, very showy.....	5
..... Bracteatum , orange crimson, large and handsome; perennial.....	10
..... English Scarlet , single. The wild field poppy of England, producing the most gorgeous effect with its dazzling scarlet blooms.....	5
..... Alpinum Album . Alpine poppy.....	10
..... Oriental , a perennial variety; bright scarlet.....	10
Tulip Poppy . For description see Novelties, page 14.....	10
New Shirley Poppies , all colors mixed.....	10

RHODANTHE.

The most delicate of everlasting flowers; bell-shaped before fully expanded; succeeds best in light, rich soil, and a warm, sheltered situation; half-hardy annuals.

Rhodanthe, mixed..... 10

RICINUS—Castor Oil Bean.

Plants with very ornamental foliage and showy fruit of stately growth and tropical appearance; half-hardy annuals.

Ricinus Borboniensis Arboreus , beautiful, splendid, large leaves; 10 feet.....	5
..... Sanguineus , blood-red stocks, scarlet fruit, one of the best; five feet.....	5
..... Duchess of Edinburgh	5

SALVIA—Flowering Sage.

Splendid ornamental plants for out-door decorations, beautiful spikes of brilliant flowers being produced in the greatest profusion from July to October. Seed sown in April will flower in July and August, and continue throughout the season. Per pkt.

- Salvia Coccinea**, scarlet, half-hardy annuals; 5 feet.....10
Splendens, true, large scarlet.....15
Splendens Compacta Nana. For description see Novelties, page 12.

SAPONARIA.

The Saponarias are low plants; for a small plant or edging they are very desirable.

- Saponaria Calabrica** (Multiflora). Rich deep pink..... 5

PETUNIA.

For out-door decoration in summer there is scarcely a class of plants equal to this. They commence to flower early and continue a mass of bloom the whole summer; half-hardy annuals.

- Petunia, Double Fancy Hybrid** (H. Imitable fl. pl.).....50
 Double Large Flowered Robusta, mixed. For description see Novelties, page 13.....25
 **Hybrida Grandiflora**, mixed, extra fine.....25
 **Hybrida Grandiflora Alba**.....25
 **Hybrida Grandiflora Fimbriata**, fringed, veined varieties, in choice mixture (See page 13).....25
 **Hybrida Nana Compacta Multiflora**, new dwarf, with striped flowers.....25
 **Fine Mixed**, first quality.....10
 **Blotched and Striped**.....10

NEW SWEET PEAS.**SWEET PEA.**

Very beautiful, fragrant and free-flowering climbing plants, continuing in bloom all summer; supported by common pea sticks they form admirable screens for protecting more tender plants or excluding unsightly objects; valuable for training on trellis work, covering rough fences, etc.; 6 feet; hardy annuals.

During the past few years many beautiful new varieties of Sweet Peas have been produced, a few of which are in our original list without having special attention called to them. These new sorts produce larger and better-formed flowers, of greater substance than the older ones, and form a group of rare and exquisite beauty.

The varieties offered below embrace all the best that have been brought out up to the present time.

- Miss Blanche Ferry**. For description see Novelties, page 13. Price, per oz., 20c.; ¼ lb., 50c.; lb., \$1.50..... 5
Queen of England. A new white variety, of extra large size and good substance. oz., 25c..... 5
Alba Magnifica. Pure white. oz., 25c.....10
Boreatton. A fine, dark variety with large flowers; standard rich, shining, bronzy crimson; wings beautifully crimson-purple. oz., 20c..... 5
Indigo King. Standard dark maroon-purple; wings clear indigo blue. 20c. per oz.; \$1.50 per lb..... 5
Invincible Carmine. The brightest colored of all, being of an intense crimson carmine. In general appearance it resembles Invincible Scarlet, but is far in advance of that variety for cutting purposes, as well as for garden decoration. 25c. per oz..... 5

- Lottie Eckford** (or Capt. Clark). Three flowers on a stem; large wings and standards of white, edged with lavender blue. 20c. per oz..... 5
Orange Prince. One of the most distinct. Standard pink and orange flushed with scarlet; wings bright rose, veined with pink. 20c. per oz..... 5
Princess of Wales. A fine variety, shaded and striped with mauve and purple on white ground. 20c. per oz..... 5
Splendid. Rich, bright, pinkish rose, shaded with crimson. A very distinct and superb variety. 20c. per oz..... 5
New Varieties Mixed. We have prepared a special mixture of the best and most distinct of the new varieties which we offer at the following prices: 20c. per oz.; 75c. per ¼ lb..... 5
Sweet Pea, Butterfly. The flowers of this beautiful variety have a pure white ground, delicately laced with lavender blue; it is deliciously fragrant, and will prove exceedingly valuable for bouquets, etc. 15c. per oz.
Invincible Scarlet. Remarkably fragrant, with bright scarlet crimson flowers; an unusually prolific bloomer. 15c. per oz..... 5
White. 15c. per oz..... 5
Striped. 15c. per oz..... 5
Cardinal. Crimson scarlet. 15c. per oz..... 5
Fine Mixed. 10c. per oz.; 30c. per ¼ lb.; \$1.00 per lb..... 5
Mrs. Sankey. See Novelties, page 13.
Queen of the Isles. See Novelties, page 13.
Violet Queen. See Novelties, page 13.

STOCKS.

The Stock is one of the most important and well-known half-hardy annuals; for brilliancy and diversity of color, for fine foliage and compact habit, and for profusion and duration of bloom, it is unsurpassed. The seed offered for the following varieties have been saved exclusively from plants cultivated in pots.

- Stock. New Forcing Snowflake**. A dwarf-growing, large-flowered, wall-flower-leaved Stock, which produces a vigorous main spike of uncommonly large and very double snow white flowers, and when fully grown numerous flowering side shoots also. "Snowflake" is the earliest white and one of the earliest of all Ten-Week Stocks, and is admirably adapted for forcing. Seed produces about 60 per cent. of plants having double flowers.....25
Large Flowering Dwarf, ten weeks:
 White.....10
 Blood red.....10
 Mixed.....15
Large Flowering Wallflower-Leaved, ten weeks; mixed.....10
New Giant Perfection, ten weeks; mixed.....10
New Giant Perfection, ten weeks; white.....10
New Tree, or Giant, ten weeks; finest mixed.....10
Earliest Flowering Autumnal, fine mixed.....10
Brompton, perennial.....15
East Lothian Autumnal, mixed.....15

SUNFLOWER.

A well-known genus of tall-growing plant; flowers large and showy; hardy annuals.

- Sunflower Double**, extra large and double, 5 feet..... 5
 **Giant, Single**, flowers light yellow, dark centre; height, six feet..... 5
 **Oscar Wilde**, a small black-centered variety, very desirable for bedding purposes..... 5

SCABIOSA—Morning Bride.

A highly ornamental border plant, producing in profusion flowers in great variety of color; excellent for cutting; hardy annuals.

- Scabiosa Atropurpurea Major**, extra fine, mixed.....10
 **Dwarf Varieties**, mixed..... 5

SENSITIVE PLANT—Mimosa.

Half-hardy annual, curious from the fact that when touched its leaves close and drop, hence the name.

- Sensitive Plant**..... 5

TROPÆOLUM.

Free growing, profuse flowering, and easily cultivated climbers, rich in colors; flowers beautifully marked; splendid for covering trellises, verandas, etc.; half-hardy annuals.

- Tropæolum Canariense**. Canary flower; tender annual 5
 **Lobbianum, Mixed Varieties**; tender annual 5
 **Majus Coccinea**, scarlet; 5 feet..... 5
 **Majus, Mixed Varieties**; tender annuals; per oz., 20c.; ¼ lb., 75c..... 5
 **Tom Thumb, Mixed Varieties**; hardy annuals 5
 **Tom Thumb, Empress of India**..... 5

WALLFLOWER.

A very fine class of biennial plants, but will not endure our winters. Fine for houses, or may be lifted in the autumn and kept in a light cellar, or in any cool place where there is light enough.

Wallflower, finest mixed, double.....10
 single..... 5

VERBENA.

Well known, charming and universally admired plants, invaluable for summer decorations. Half-hardy-annuals, blooming freely the first year from seed. Sow in sitting-room, hot-bed or green-house, in a temperature of 60 degrees during spring in shallow boxes. Transplant into pots or shallow boxes as soon as fit to handle and plant out in May.

Henderson's Mammoth. For description see Novelties, page 12.....25
Verbena, Striped, striped like Carnations.....10
 **Candidissima**, white.....15
 **Scarlet**, different shades.....10
 **Blue**.....10
 **Hybrida**, from name sorts; finest mixed.....10
 **Hybrida**, fine mixed; \$1.00 per oz..... 5

THUNBERGIA.

Ornamental, free blooming climbers, of rapid growth, handsome foliage and much admired flowers, good for greenhouse culture or warm situations out of doors;

tender annuals. For early flowering, sow in sitting-room, hot-bed or greenhouse, from January to April, in an average temperature of 60 degrees, in light, rich soil in shallow boxes. When the seedlings are fit to handle, transplant into similar boxes one inch apart, and plant in the open ground in May or June. Press the seed into the soil with a smooth board and cover lightly.

Thunbergia Alta, buff, with white eye.....10
 **Alta Alba**, white, with dark eye.....10
 **Alta Aurantica**, bright orange, dark eye.....10
 **Bakerii**, pure white.....10
 **Finest Mixed**.....10

XERANTHEMUM.

A showy class of everlastings. The flowers when gathered young are useful for winter bouquets. Hardy annuals.

Xeranthemum Double Purple.....10
 **Double White**.....10

ZINNEA ELEGANS.

Very handsome fall flowering plants, of great richness and variety of color. The double Zinna has proved a most important acquisition, its splendid double flowers rivaling in beauty, size and form a medium sized Dahlia.

Zinna Elegans, fl. pl., double mixed extra.....10
 **Elegans**, fl. pl., Alba, pure white, double.....10
 **New Pomponne**, dwarf, double mixed.....10

CHOICE GREENHOUSE SEEDS.

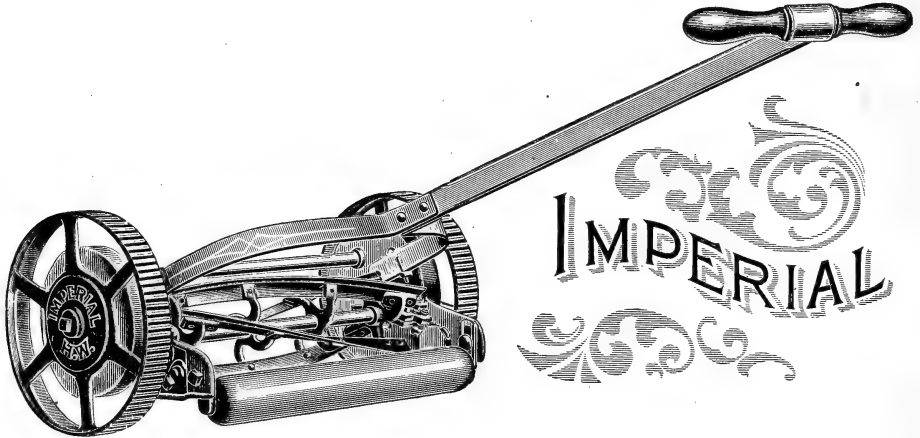
Per pkt.
Abutilon. (Fairy Bell) Finest varieties, mixed.....25
Begonia. Tuberous rooted. New double varieties, mixed.....50
 Tuberous rooted. New single varieties, mixed.....25
Calceolaria Hybrida Grandiflora. Very fine.....50
Chrysanthemum, Double. Fine mixed Japanese.....50
Coleus. Finest mixed.....25
Cyclamen Persicum. Finest mixed.....25
Cineraria Hybrida. Finest quality.....25
Convolvus Mauranticus. Fine for basket.....15
Erythrina Christi Galli. (Coral Plant.).....25
Eucalyptus Globulus. (Blue Gum Tree.).....25
Gloxinia. Finest mixed.....25
Heliotrope. All colors mixed.....15
Lantana Hybrida.....10
Lemon-Scented Verbena.....10

Per pkt.
Linaria Cymbalaria. (Kenilworth Ivy.).....10
Lophospermum Scandens. Rapid growing vines.....15
 **Coccineum**. Rapid growing vines.....15
Passiflora. Fine mixed.....15
Primula Chinensis. Not fringed; mixed.....25
Primula Chinensis Fimbriata. Very finest mixed.....50
 **Rubra**. Extra fine.....50
 **Alba**. Extra Fine.....59
 **Globosa Rubra**.....50
Salvia Splendens Compacta Nana. Scarlet; true.....15
Smilax. (Myrsiphyllum Asparagoides.).....25
Solanum Ciliatum.....10
Vinca Rosea.....10
Vinca Alba Rosa.....10
 **Pura**. Pure white.....10

LAWN MOWERS.

If you expect to keep your Lawn looking tidy, use a Lawn Mower in preference to a Scythe.
Do not buy a cheap Mower. They hardly ever last through one season.

THE BEST IN THE WORLD.



THE "IMPERIAL."

This is our "**Best Goods**," and is not surpassed by any Lawn Mower in the market. The principal feature of this machine is that the bottom knife-bar is bolted to the sides, thus making the frame perfectly rigid, while by a new patent hanger the revolving cutter is adjusted to the bottom knife. This is the reverse of the adjustment in all mowers. When the knives are properly adjusted a lock screw secures them in position.

The **positive triple ratchet** is the simplest and most durable made. The **gears** will wear much longer than those in other mowers, as they do not move when the machine is reversed. Our patented **terrace mowing attachment** has proved a valuable addition, being very simple and effective.

PRICES:

Low Wheel.		High Wheel.	
12 inch,	\$ 6 50	14 inch,	\$ 9 00
14 "	7 50	16 "	11 00
16 "	9 50	18 "	13 00
18 "	11 00	20 "	15 00
20 "	13 00		

"Water Witch" Lawn Sprinkler.

In constructing this device the main object was to produce a sprinkler that would scatter the water *more evenly* and over a *larger area* than would any other sprinkler. This purpose has been fully realized in the "**Water Witch**."

The water flows through the nozzle with *unimpeded* force and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in *fine drops* and *evenly* over a circular area of *twenty-five to forty feet* diameter. The delivery through a *large orifice* prevents clogging by impurities in the water, that source of frequent trouble with sprinklers which scatter by means of fine holes in the nozzle. Price, \$1.00 each.

WATER WITCH."

LAWN & SCARIFYING RAKE.



GOLDWELL'S PATENT.

The only good rake made for the cultivation of Lawns. Price 75c. each.

GARDEN TOOLS, ETC.

Rose Nippers, two sizes	40c and 60
Thermometers, Japanned, 6 inch	25
..... 6 inch	30
Glass Cutters	10
Rubber Putty Bulbs, for glazing	\$1 25
Rubber Sprinklers	1 25

Brass Syringes.

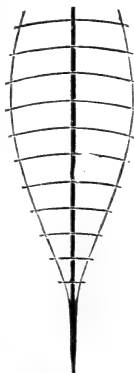
No. 700. Polished, w th two nozzles	\$3 00
No. 705. Polished, with three nozzles	4 50
No. 706. Polished, with three nozzles	4 00

Reed's Syringe.

Best Conical Valve Syringe, large size, with one stream and two spray nozzles	5 00
No. 00. One spray Rose, fast end, large hose for applying liquid insecticides	2 75
No. 0. A small size of the preceding	2 25

LABELS.

Painted Pot. 3 1/4 inch, per 1,000	75
..... 4 1/4 inch, per 1,000	1 00

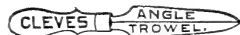


TRELLIS.

GLASS FOR HOT-BEDS, GREENHOUSES, ETC.

Supplied at lowest prices. Write for quotations, stating quantity, size, and whether single or double thick.

Garden Shears, each	\$1 50
Flower Gatherers, each	1 25
Scythe Stones	15
Border Shears, with roller	2 50 to 3 00
Border Shears, without rollers	2 50 to 2 75
Levin Pruners, each	1 25



CLEVES TROWEL.

Garden Trowels, Cast Steel polished blades	15 to 75
Knives. Pruning, assorted, 50c to \$1.00 each	
..... Budding, assorted, \$1.00 to \$1.25 each	
..... French grafting, 40c. each	
Pruning Shears, two sizes	75c to 1 00
Trellis, assorted sizes	25c to 1 50

MURDOCH'S LAWN FERTILIZER.

Prepared for Lawns, Grass Plats, Kitchen Gardens and Flower Beds.

To meet the demands of many patrons, we offer this superior mixture, designated as MURDOCH'S LAWN FERTILIZER. It is clean, portable and convenient, and *is in every way more desirable than the use of stable manure*. It contains no weed seeds, which always exist in manure, and which are the pests of the Lawn and Garden. It never fails in inducing a rapid and rich green growth to the Lawn. It may be applied at any time during the Spring, Summer or Autumn. We offer it as follows:

5-lb. Package for	\$ 30
10-lb. Package for	50
20-lb. Package for	1 00
50-lb. Package for	2 00
100-lb. Package for	4 00

Prices on Large Quantities on Application.

As a guide for the proper quantity to order, we would state that a ten pound package is sufficient to go over an area of three hundred square feet, either in forming a new Lawn or used as a renovator on an old one.

Pure Ground Bone. This is moderately fine and adapted for general fertilizing purposes. The sample we offer is very fine quality, and quite pure. Per 100 lbs., \$3.00; original sacks of 200 lbs., \$5.00.

Pure Bone Meal. This Bone Meal is ground very fine and is well adapted for mixing with soil for potting purposes, for which one part of meal to fifty of soil is about the right proportion. Per 100 lbs., \$3.00; per original sacks of 200 lbs., \$5.00.

Peruvian Guano. Per package, 25c.; 25 lbs. for \$2.00; per bag of 200 lbs., 4c. per lb.

INSECTICIDES.

Mildew Mixture. A fluid for preventing and destroying mildew. One pint is sufficient for 18 gallons of water. Apply with an ordinary bell or syringe. 75c. per bottle.

Persian Powder. Our superior grade is made from buds and half-opened flowers of Pyrethrum roseum. The cheap grades, made from open flowers and stems, are almost worthless. It is resinous, impalpable and non poisonous, and kills all sorts of insects and worms by filling up the pores and acting on the skin. It is so fine it penetrates hidden crevices when blown on with a gun or bellows, and many Southern cabbage growers say it is the only effectual remedy for the cabbage worms. Apply when everything is dry, as moisture destroys its properties. 1/4 lb., 35c.; 1 lb., \$1.00. (Special prices for large quantities.)

Genuine Paris Green. Unexcelled for potato bugs and other insects that eat foliage. 1 lb., 2 lb. and 5 lb. boxes, 35c. per lb. (Large quantities at special prices.)

Slug Shot. Equals Paris Green where used liberally, without the danger from poison. Kills bugs and worms of all kinds, and is particularly recommended for potato bugs.

It comes ready to be applied, with gun, bellows or duster 5 lb. package, 30c.; 10 lb., 50c.; per bbl. of about 225 lbs., 4c. a pound. Tin canister containing 1/2 lb., with perforated top that unscrews, so that it can be filled again, 25c. each.

Tobacco Soap. Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 oz. in one gallon of water. Per lb., 30c.

Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Per lb., 20c.; 2 lbs., 35c.; 5 lbs., 75c.

Flour of Sulphur. Prevents and cures mildew on roses, grapes, etc. Apply with gun or bellows while the leaves are damp. 15c. per lb.; 10 lbs. and over at 10c. per lb.

Powdered White Hellebore. For rose slugs, currant worms, etc., etc. Dust on with gun or bellows while the foliage is moist. 50c. per lb.

Powder Gun. For applying insect powders, sulphur, etc. 4 oz. size, 30c.

Powder Bellows. For applying insect powders, sulphur, etc., 75c. to \$2.00 each

BIRD SEEDS, ETC.

Bishop's Bird Dainties, 10c. and 20c. per box.
Bird Cages. Various sizes and styles.
Bird Lime, for catching birds, per box, 25c.
Brackets or Bird Cage Hooks, 25c.
Canary Powder, or Song Restorer, 25c. per bottle.
Canary Seed, extra clean. 10c. per lb.
Cuttle Fish Bone, 5c. each.
Fish Food, 10c. per box.
Mixed Bird Seed, extra clean. 10c. per lb. box.
Mocking Bird Food, 30c. a bottle.
New Guard. To prevent birds scattering the seed. Two styles, 50c. and 60c. each.
Parrot Food, 20c. per box.
Plant Food, 40c. per box.
Red Bird Seed, 10c. per box.
Song Restorer, 25c.
Silver Gravel. For birds. 10c. per pkg.
Sunflower Seed. 25c. per qt.

FANCY JARDINIERS.

In different styles, from \$1.00 to \$5.00 each.

COMMON FLOWER POTS.

Size.	Price Each.	Per Doz.	Per 100.
2		\$ 15	\$ 80
2½		20	90
3		25	1 25
4	\$ 04	30	1 85
5	05	50	2 85
6	07	70	4 25
7	08	80	6 30
8	12	1 25	9 80
9	16	1 75	
10	25	2 52	
12	35	3 75	

MISCELLANEOUS.

Hanging Wire Baskets. Various styles, 25c. to 35c.
Wire. Fine, per lb., 40c.
 Coarse, per lb., 25c.
Silk Surface Foil, 35c. per lb.
Tin Foil, 25c. per lb.
Raffia. A superior article for tying buds, grape vines, plants, etc.; per lb., 30c.
Grafting Wax. ¼ lb., 15c.; 40c. per lb.

PLANT DEPARTMENT.

ROSES.

The Roses here Catalogued are Strong, Vigorous Plants, and should not be confounded with the tender young things sent out by some growers.

CHOICE HARDY REMONTANTE ROSES.

We have a superior collection of Remontante Roses of the following select varieties, and can furnish them in strong plants of their own roots, ready for planting out, which will secure good results, at 35c. each; \$3.50 per doz., except where noted.

American Belle. A pink-colored sport from the "American Beauty" and the grandest acquisition to the Rose family in many years. It has created a sensation wherever shown and has carried first honors at the recent exhibitions in New York, Philadelphia, Boston, Chicago, Cincinnati, and elsewhere throughout the United States. The color of the flower is a deep, clear pink, without the slightest tinge of blue even after being cut for a few days. Instead of turning bluish as the "Beauty" does with age, the "Belle" becomes still more pink as the flowers get older. This characteristic is a most valuable one, and makes this rose peculiarly desirable for cutting. The delightful fragrance of the "Beauty," the sweetest of any rose known, is also possessed by the "Belle" in an equal degree. The growth of the "Belle" is not quite so strong as the "Beauty" but the bloom is even freer. The foliage is quite distinct—a fine deep green. Price, 60c. each.

Baron Provost. Pure rose color, very large, very full; a free bloomer, very hardy, fragrant.

Baroness Rothschild. Bright Pink, very large, symmetrical cupped form, an exquisite rose.

Dinsmore. Flowers large, double, dazzling scarlet, profusely produced; very fragrant. Price, 50c. each.

General Jacqueminot. Brilliant crimson; not full, but large, fragrant and hardy; one of the best for forcing or planting out.

John Hopper. Bright rose, with carmine centre; large and full; light red thorns, profuse bloomer.

Jules Margottin. Brilliant glossy pink; a fine old variety.

Madame Gabriel Luizet. (H. C.) Fine satin rose; large, full and well formed; fragrant; one of the very best.

Magna Charta. Bright pink suffused with carmine; large, full and of good form.

Mrs. J. Laing. A superb variety; large size, fine form and fragrant; color, shell pink.

Paul Neron. Deep rose color; good foliage; the largest variety in cultivation. A free bloomer; suitable for forcing.

Pierre Notting. Dark crimson; very fragrant; a fine autumn rose.

Ulrich Brunner. Cherry red; a seedling of Paul Neron.

BOURBON ROSES—Monthly.

Distinguished by their strong, robust growth, and double cup-shaped flowers; as a class they are nearest to being hardy of any of the monthlies. 35c. each; \$3.50 a doz.

Hermosa. Bright rose; an old favorite.

Souvenir de la Malmaison. Delicate flesh, tinted with fawn; very large and full; foliage rich.

NOISETTE ROSES.

This is one of the finest classes of autumnal blooming roses. The growth is rapid and vigorous, and the flowers are produced in large clusters. Most of them will endure our winters with but little protection, while others, produced by crossing with Tea Roses, are much more tender; these will be so described. 30c. each; \$3.00 a doz.

Caroline Marniesse. Creamy white; blooms in clusters.

Celine Forrester. Yellow. clouded rose; tender.

Marchal Neil. Deep canary yellow; magnificent, tender. 30c. to 50c.

BENGAL or CHINA SECTION—Monthly.

These are of dwarf habit; splendid for massing of colors in beds or for pot culture; very constant and profuse bloomer; with slight protection they will endure the winter in this latitude. Our own selection of varieties, 30c. each; \$3.00 a doz. Buyer's selection of varieties, 35c. each; \$3.50 per doz.

Agrippina, or Chamoise Superior. Velvety crimson; moderately double; a valuable bedding variety.

Archduke Charles. Pale rose, changing to deep crimson.

Ducher. Cream, changing to white.

Queen's Scarlet. Intense dark crimson, changing to scarlet with age; double and large free bloomers, strong grower; desirable for cutting.

TEA ROSES.

The most tender class of Roses, but at the same time the most beautiful and productive. 20c to 50c. each; \$2.00 to \$5.00 a dozen, according to size:

Bon Silene. Rosy carmine; fragrant and very flowering; one of the best for forcing.

TEA ROSES—Continued.

Catharine Mermet. Bright flesh color; with the peculiar silvery lustre possessed by La France; large, full and of beautiful form; fragrant: also one of the finest for forcing.

Duchesse de Brabant. Rosy blush; very free and good.

Gloire de Dijon. Color a combination of salmon, orange and buff; flowers large and of good globular form, 50c.

Isabella Sprunt. Sulphur yellow; one of the best for forcing.

Marie Guillot. White; tinted pale yellow; large, full and fine shaped; not fragrant; robust growth.

Madame de Wattville. A good sort for either summer or winter blooming. Color beautiful shell pink, deepening to bright rose at the edge of the petals, the body of the flower being creamy white, hence the name "Tulip Rose," so often applied to it.

Niphetos. Pale, yellowish white, often snowy white; long, large buds; a forcing variety. Our most profitable rose for winter blooming.

Perle des Jardins. Straw color; sometimes deep canary; large, full and fine form; stiff shoots or stems; free flowering; the most popular yellow rose for forcing; of no use for out-door bedding.

Safrano. Saffron and apricot; a very free bloomer; one of the oldest varieties, and in the bud is scarcely to be surpassed; fine for forcing.

MOSS ROSES.

35c. each; \$3.50 per dozen.

These are perfectly hardy and mostly strong growers; greatly admired, especially when in bud, with its beautiful moss covering.

Blanch Moreau. Pure white; large and full; blooms in clusters.

Crested Moss. Pale rose pink, buds beautifully crested; very handsome and distinct.

Captain Ingram. Purplish crimson.

Gloire de Mousseus. Pale rose, very mossy; one of the best.

HARDY CLIMBER, or PILLAR ROSES.

Excellent for covering walls or fences, or training up on pillars. Price, except where noted, 35c. each; \$3.50 per dozen for large plants.

Baltimore Belle. Light blush; very fine.

Gem of the Prairies. Light crimson; sweet; extra.

Prairie Queen. Deep rose; immense grower.

Pride of Washington.

White Ayrshire. A great Rambler; semi-double.

Triumphant. Deep rose; double and compact.

Superba.

JUNE ROSES.

Mme. Plantier. Pure white, full; produced in great abundance early in the season; foliage rather small, seven leaflets; one of the best among shrubbery; 30c. to 50c.

SWEET BRIAR, or EGLANTINE.

Single Sweet Briar. The delicious fragrance of the leaves of this old favorite keeps it in demand. 25c. each.

General Collection of Plants.

Since our last Spring issue we have disposed of almost all our stock of bedding plants, and, as it is our intention to discontinue this department, the following stock will be sold off as rapidly as possible.

AZALEAS. Ghent—(Green House Plants.)

Fine Imported Plants in best single and double varieties named. \$1.00 to \$4.00 each.

Vervæana. A new variety of great merit; flowers white, striped pink and carmine. \$1.00 to \$2.00 each.

Azalea Mollis. Hardy. (See Ornamental Department of this catalogue.) \$1.00 to \$1.50 and \$5.00 each.

AMPELOPSIS.

Quinquefolia. The well-known "Virginia Creeper." A fast grower of strong habit. 15c. to 50c. each.

Veitchii, (Boston Ivy.) A splendid plant for covering walls, stone-work, etc., as it clings with the greatest tenacity. Foliage bright, glossy green shaded with purple, changing in the fall to the brightest tints of scarlet, crimson and orange. 25c. to 50c. each.

Royalii. This resembles the preceding variety, differing possibly in a more vigorous luxuriant growth. 25c. to 50c. each.

AGAPANTHUS UMBELLATUS.

A bulbous rooted plant throwing up a stem to the height of two or three feet, crowned with rich azure blue flowers; must be wintered free from frost. \$1.50 each.

ALOCASIA.

Violacea. Habit erect, foliage halbert-shaped, rich satin green, with margins and stems violet, 30c. to \$4.00 each.

ARTEMESIA STELLARIS.

This is one of our best silver foliaged plants. It is excellent for beds or edgings. 10c. each. \$1.00 a doz., \$8.00 a 100.

ARISTOLOCHIA SIPHO.

Dutchman's Pipe. 25c. to \$1.00 and \$1.50 each.

ANTHURIUM.

Schitzerianum. A most interesting hot-house plant, bearing bright scarlet flowers, which last several weeks. \$1.00 to \$5.00 each.

ALOYSIA CITRIODORA—Lemon

Verbena.

A universal favorite on account of its delightful fragrance. 10c. to 25c. each. \$1.75 a dozen.

ARALIA.

Palmata. A very desirable species of free growth; a fine decorative plant. \$2.00 to \$5.00 each.

ANTHERICUM.

Vitatum Variegatum. Beautifully variegated; fine for hanging baskets.

AMARYLLIS.

Formosissima. Jacobean Lily. Crimson velvet color, June 30c. each; \$3.00 a doz.

Johnsoni. \$2.00 each.

Hamiltoni. \$2.00 each.

BOUVARDIAS.

Though principally grown for winter flowering, they are well adapted for bedding purposes, commencing to bloom August, and continuing till frost. 30c. each; \$3.00 a doz.

Bride. Blush colored; very pretty.

Davisoni. Pure white; peret truss; very rfree bloomer.

NEW BEGONIAS—Tuberous Rooted.

The sorts now offered are an immense improvement over the old sorts and would scarcely be recognized by those who are only familiar with the earlier varieties. They are magnificent flowering plants in pots, and in Europe are extensively bedded out, flowering in the greatest profusion

NEW BEGONIAS—Continued.

all summer. The individual florets will average from 2 to 3 inches in diameter, and in the collection we offer lovely shades of crimson, yellow, amber, purple and maroon are to be found in the single classes. They should be planted out in June. Take up after the frost has killed the foliage, and keep bulbs in a warm, dry place.

Single. Rose, scarlet, crimson, white, yellow, 25c., each; \$2.50 per doz.

Single Mixed. 25c. each; \$2.00 per doz.; \$15.00 per 100.

Double Mixed. 30c. each; \$3.00 per doz.

BEGONIAS.—FOLIAGE VARIETIES.

Comtesse de Thelluson. Leaves small, smooth, bronzy green; silvery zone, stems hairy; veins on underside of leaves, deep red, excellent for cutting for baskets; free grower. 30c. each.

Louise Cretine. Resembles the above, but is much brighter; on the young leaves the silvery tinge is changed to vermilion, which has a peculiar gloss, resembling mother-of-pearl. 30c. each.

Hydrocotylofolia. Leaves round, upper surface smooth dark green; stripes very dark; low habit, 30c. each.

O'Donoghue. Leaves medium; silver zone; narrow pointed. 2c. each.

Queen of Hanover. Leaves very hairy; dark green; a silvery zone. 30c. each.

Racinofolia. Leaves long, along veins light; green shaded, a most black. 25c. each.

Virginia. Resembles Rex, but zone much brighter; green speckled with silver dots. 25c. each.

BEGONIAS.—FLOWERING.

Fragrans. Fragrant flowers; growth free. 30c. each.

Gigantea Splendens. Flowers light pink; borne in large erect clusters; a fine specimen variety. 50c. and \$1.00 each.

Gilsonii. Fine large flowers, perfectly double; color white shaded carmine; robust grower. \$1.00 each for large plants.

Glaucophylla Scandens. Salmon red; very fine. 15c. to 40c. each.

Hybrida Multiflora. Bright pink panicles; profuse bloomer. 25c. each.

Incarnatata Superba. Light satin rose. 30c. each.

Metalica. Under side of leaves hairy; the surface a bronze color; flowers white and crimson. 20c. to 50c. each.

Olibo. 75c. each.

Pink Perfection. A chance seedling of *B. Semperflora* rosea, which, however, comes true from seed. Of improved habit, and more floriferous. Color a delicate shade of pink. Always in bloom. 25c. each.

Rubra. A grand acquisition as a winter flowering plant; leaves dark green; flowers are scarlet rose, glossy and waxlike; borne above the foliage on long flower stalks. 30c. each.

Sanguinea. Upper surface of leaves olive color, under side crimson; an excellent variety for house culture. 25c. each.

Saundersii. Bright carmine scarlet; free. 25c. each.

Schmidtii. From Brazil; compact habit; flowers medium size, white tinged pink; a perpetual bloomer. 20c. each.

Weltoniensis. Handsome foliage; flowers in panicles of clear rose; very desirable. 25c. each.

Weltoniensis Alba. 25c. each.

CALADIUM ESCULENTUM—Dormant Bulbs.

One of the most attractive ornamental foliage plants in cultivation, growing about five feet high, with heart-shaped leaves of an immense size, being from two to four feet in length by one and a half to two and a half feet in breadth, and which are very smooth and of light green color, beautifully variegated with dark green. It is one of the easiest culture, and will grow in almost any soil.

Extra Strong Roots. Southern grown; 25c. to 35c. each.

First Quality. 20c. each; \$2.00 per doz.

During May we can furnish well started plants at 25c. each.

CAMELLIA JAPONICA.

A stately tropical evergreen, producing beautiful, large flowers—the double being the most superb. Our collection contains plants priced at from \$1.00 up to grand specimens worth \$50.00 each.

CANNAS—New French Dwarf.

Madam Crozy. This is a superb variety, the flowers being as large as gladiolus, and borne in large spikes; flowers growing scarlet bordered with gold. We consider this variety the most strikingly beautiful and showy of any raised so far. An idea of how highly this is valued in Europe can be gained from the fact that \$5.00 was charged last season there for single plants. The plant is a dwarf grower, with green foliage, and one of the most abundant bloomers of all. Price for strong plants started in 4-inch pots, for out-door bedding in bud and bloom, 25c. each; \$2.50 per doz.

Alphonse Bouvier. The grandest Canna, all things considered, introduced up to this time. It is a very luxuriant grower, growing considerably taller than Mad. Crozy. In good ground and under good cultivation the plant will grow eight feet. The tips of the shoots are surmounted by immense clusters of bright crimson flowers of the very largest size, and nothing can exceed their brilliancy. It has a peculiar habit of dropping the flower cluster a trifle as the second flowering shoot begins to push above the first, and the shoots flower two, three or more times, one after the other, a large plant in bloom sometimes having as many as thirty or forty of these large, brilliant clusters of flowers. As a pot plant for greenhouse cultivation it is not so desirable as Mad. Crozy on account of its taller growth, but for bedding purposes it is fully equal. 50c. each.

Star of 1891 (The Everblooming Canna). A very dwarf Canna, which will bloom every day in the year, its flowers being borne in great compact pinnacles, often as large as a man's hat, and of the most intense scarlet color, rayed and bordered with pure gold, is a novelty of more beauty and value than has been seen for many years—an entirely new departure—a new garden flower and a new perpetual blooming pot plant of unsurpassed grandeur. Price for strong plants in pots, 25c. each; \$2.50 per dozen.

Geoffrey St. Hilaire. A dark variety and the best of the dark ones. A grand variety. Large, orchid-like flowers of a deep glowing orange shade; very large flower-spikes; foliage chocolate-colored. Price of strong plants, 25c. each; \$2.50 per doz.

Francois Crozy. Color, a unique shade of Apricot, bordered with bright yellow. Price, 40c. each; \$4.00 per doz.

Capt. P. de Luzzana. A beautiful dwarf yellow; very free bloomer. 50c. each.

Paul Marquant. Flowers very large; bright salmon with carmine tint. One of the finest Cannas in cultivation. 50c. each.

Ventura. Scarlet shaded crimson. 25c. each.

General Collection French Dwarf Cannas. Of compact habit and profuse bloomers. Price, 20c. each; \$2.00 per doz.; or our selection at \$15.50 per 100

Flamboyant. Dark green foliage, flowers numerous; purplish scarlet, growth vigorous.

Adolph Weick. Rich, crimson-shaded orange, free bloomer.

Admiral Courbet.

General Chanzy.

Oriental.

Little Gipsy.

Nabob.

Emil Leclair. Golden yellow, mottled crimson.

CANNAS—Large Growing Varieties.

A family of plants more and more appreciated as their peculiar sub-tropical beauty becomes known. A bed of Cannas presents a most imposing appearance; roots can be kept like Dahlias. Our selection named started in pots. Price 20c. each \$2.00 a dozen; fine mixed, started in pots, 15c. each; \$1.50 a dozen; \$10.00 per hundred.

Warscewizi. Leaves broad, margin red; rib and stem shaded.

Indica Rubra. Leaves very broad, ribs very marked; flowers scarlet; stem shaded red; flowers orange scarlet.

Compacta Elegantissima. Foliage bright green; broad, and ribs green, flowers orange scarlet.

Brilliantissima. This variety much resembles Prest' Faivre. 30c.

Othello. Foliage bronzy maroon, flowers scarlet; 4 feet.

Princess de Neice.

President Faivre. Foliage bronze maroon; long and narrow and terminating in a sharp point.

Selowii. Leaves and stems fine satiny dark green; flowers yellow at base, scarlet at outer end of petal; compact ribs, not prominent, 6 feet high.

CINERARIA.

Hybrida. Very much esteemed for pot culture; nothing can exceed in richness of color a number of these beautiful plants seen together. 30c. each; \$3.00 per doz.

Maritima. (Dusty Miller.) 20c. each; \$2.00 per doz.

COBCEA SCANDENS.

A remarkably rapid climber, often attaining a height of 30 feet in a season, with beautiful foliage, and producing large, bell-shaped flowers in great profusion during the fall months. 20c. to 30c. each; \$2.00 per doz.

CYCAS REVOLUTA, or Sago Palm.

Our stock of this invaluable Palm is very superior. Prices ranging from \$2.00 to \$25.00.

CALCEOLARIAS.

A fine class of plants for early summer bloom. **Shower of Gold.** Each, 25c.

CLEMATIS.

Our superb collection includes all the ranges of color from white to dark blue, velvety purple, and scarlet in *C. coccinea*. They are perfectly hardy and when well grown produce a grand effect. Our plants will all bloom this season. Two-year-old plants, except where noted, 75c. each. Very large plants, \$1.00 each.

Jackmanii Type.

Climbing, mostly large flowered; summer and autumn bloomers; flowering successionally in profuse, continuous masses on summer-shoots.

Clematis Jackmanii Alba. A lovely variety and a real gain. It is an Albino of the popular *Jackman's Clematis*, now so beautifully in flower, and which flourishes so well in the open air. The plant shown bore a profusion of blossoms, which possesses only the faintest suggestion of a mauve tint; it will undoubtedly become a popular plant. \$1.00 each for strong plants.

Glorie de St. Julian. Large lavender. \$1.00 each.

Gypsy Queen.

Jackmanii. Deep violet purple; flowers produced in masses; one of the best.

Jackmanii Superba. Similar to the preceding, with larger flowers; 75c. each.

Magnifica. Reddish purple, with red bars and very large flowers. \$1.00 each.

Star of India. Reddish violet purple, with red bars; distinct and effective.

Lanuginosa Type.

Climbing large-flowered summer and autumn bloomers, flowering successionally on short lateral summer shoots the flowers dispersed.

Henryii. Creamy white.

Lanuginosa. Pale lavender; extra large flowers.

Lucie Lemonie. Fine double white; large flowers; keeps its color well. \$1.00 each.

Lawsoniana. Rose purple, with darker veins; distinct and very large.

Madam Van Houtte. White, extra fine.

Patens Type.

Climbing, large flowered, spring bloomers; flowering from the old or ripened wood.

Miss Bateman. White, with chocolate anthers.

Viticella Type.

Thomas Moore. Rich, juicy violet, with white stamens.

Standishii. Large lavender blue; good form; very free bloomer.

Florida Type.

Climbing, large-flowered, spring bloomers; flowering from the old or ripened wood. Following produces double flowers:

John Gould Veitch. Lavender blue, large double flowers. \$1.00.

Other Varieties.

Coccinea. Produce bright, scarlet blossoms on new shoot, from June until frost; very desirable acquisitions. Strong two-year-old roots, 30c. each.

Flammula. White, sweet scented, 30c.

Virginica. American; white; flowers in clusters.

NEW CHRYSANTHEMUMS FOR 1894.

We offer the following Prize Winners with the introducer's description.

NOVELTIES FOR 1894.

We desire to call your attention to the collection below, which we consider to be the best so far introduced.

Roslyn. A superb clear mermet rose pink, petals thick and heavy, cup-shaped, solid to the centre, immense in size, having been exhibited 11 inches across; habit the best, stems stiff and erect, covered with most luxuriant foliage; the best pink in commerce. Awarded silver medal by Pennsylvania Horticultural Society, certificate of merit at Madison Square garden exhibition, and was one of the varieties winning the Spaulding prize at Philadelphia for best 6 new seedlings. Single plants, 25c.

Emma Hitzeroth. A magnificent extra large flower, petals broad and peculiarly arranged, completely filling the centre. Bright lemon yellow, exquisite and novel form, superior for commercial or exhibition purposes. Awarded at Madison Square Garden Exhibition the Winslow cup for best yellow, also certificate of merit. Single plants, 25c.

Col. Wm. B. Smith. An immense double high-built flower, petals very broad and large, forming a solid mass of the richest bright golden bronze. Awarded at Madison Square Garden Exhibition certificate of merit, also the Bird cup, for best seedling not yet in commerce, and certificates of merit by Pennsylvania Horticultural Society and Royal Horticultural Society of England. Single plants, 25c.

Eva Hoyt. An immense double Japanese bloom of clear-est and brightest yellow, a solid ball with full, high-built centre; grand for any purpose, and superior to Widener or other existing varieties for exhibition purposes. \$250.00 was paid for the control of this magnificent yellow. Single plants, 25c.

Single plants except when noted, 25c. each; \$2.50 per doz.

NEW VARIETIES.

15c. each; \$1.50 per dozen.

Harry E. Widener. Fine yellow. At the Philadelphia Exhibition 12 blooms were shown which averaged 11 inches in diameter.

Ivory. Pure white flower; superior for pot culture; exquisite form; medium size.

John Lane. Splendid bright pink; free bloomer; fine for cutting; received a first class certificate at Philadelphia Exhibition.

Henderson's "Pink Ostrich Plume" (Louis Boehmer). A good grower; color, violet pink covered with heavy velvet plush; good constitution.

Mrs. Alpheus Hardy. Pure white, of immense size, broad petaled and incurved, the surface being downy, like loose piled plush; the entire flower seems frosted with glittering white.

Lilian B. Bird. Of the very largest size, with full, high centre, petals tubular, and of varying lengths; the flower when fully open being an immense half globe; the color is an exquisite shade of "shrimp pink."

Wm. H. Lincoln. A magnificent golden yellow variety, with straight, flat, spreading petals. An extra large flower, completely double, and of great substance.

Mrs. Andrew Carnegie. Raised by Wm. Hamilton, of Allegheny, and took the grand silver cup offered by Mrs. Carnegie at the New York show. Velvety ox-blood red of great size.

Mrs. W. K. Harris (Waterer). "Deepest rich, golden yellow, thoroughly incurved; in the way of Grandiflorum, but far larger and finer; probably the finest yellow in cultivation. Winner of the Blanc prize, Philadelphia, November, 1888."

NEW VARIETIES—Continued.

L. Canning. A most exquisite white, absolutely pure; the flower is quite regular in form, very large and flat, the length of the petals graduating to the centre; a grand variety.

Sunnyside. Of delicate flesh tint when opening, becoming white when fully expanded; quilled flout petals; immense size and great substance; in general appearance somewhat suggestive of a pond lily. Conspicuous, distinct and valuable.

Mrs. Fottler. A large and double flower, composed of long pointed petals, opening flat at first, but developing into a large feather bloom of great beauty. The color is clear soft rose, similar in shade to the La France Rose. It is of fine habit and very free flowering, and on this account, as well as for its peculiar shade of color and fine keeping qualities, it has proven a very valuable market variety.

Kito. A very large incurved flower in the way of Thunberg, but much handsomer and of a better habit. The color is a deep yellow with a peculiar waxy luster. A healthy grower and very fine bloomer.

The Bride. This was disseminated without its intrinsic worth being known. On a further trial it has demonstrated its value, and has been placed at the head of the white varieties.

GENERAL COLLECTION.—Japanese and Chinese Section.

Price, 13c. each; \$1.25 per doz.

We catalogue some of the most distinct and desirable varieties of this the popular section of the appropriately named Queen of Autumn. The plants we offer will, if properly cared for by the purchaser, make large plants and produce abundance of flowers by autumn. Any good garden soil suits them.

E. G. Hill. Yellow.

Gloriosum. Yellow. Early.

International. Sulphur.

Miss M. Wanamaker. Large white.

Mrs. S. Coleman. Sulphur.

Robert Bottomly. Large, pure white, fine for exhibition.

Mrs. Irving Clark. Pearly white on margin, shading to centre.

Miss Mary Wheeler. Plush white, delicately tinted on outer edge with pale pink; fine form and free bloomer.

Mrs. John Wanamaker. Large incurved blooms, silvery rose outside, deep carmine within; fine for exhibition.

Mrs. M. J. Thomas. Pure white. A massive flower of great size and substance.

Belle Hickey. Incurved, white, fine.

Mrs. Langtry. White, large; very fine.

Mrs. J. C. Price.

Violet Rose. A novelty; violet pink.

George Bullock. Deep rose, very large and double; a perfect flower and extremely free flowering. Good for exhibition and a first class variety.

W. M. Slingerly. Glossy carmine, extremely floriferous and beautiful.

Magnet. (Waterer) A very attractive variety. It has quite pendulous flowers which are very large and a combination of heliotrope and rose colors, distinct and showy.

Cullingfordii. A grand English variety; color approaching a deep crimson maroon, splendid habit; free flowering, and for general decoration as a recurved variety it is superb.

Abdel Kader. Rich, deep maroon; crimson petals.

Bras Rogue. Rich, velvety crimson maroon, with reverse of petals deep bronze.

Elaine. White, slightly tinged; fine, early.

Tokio. Mahogany velvet purple; reverse petal golden yellow; extra good.

Mrs. M. Howett. Dark red; very long petals.

Mountain of Snow. Pure white.

R. Crawford, Jr. Very large; single; pink, fine.

Source de Or. Bright yellow shaded to old gold.

Snow Storm. Late white.

J. Collins. Salmon maroon, shaded brown.

CROTONS.

The following list contains all the best varieties in cultivation. 25c. to 50c. each; \$2.50 to \$3.50 per doz., according to size, etc.:

Acubifolia.

Andrianum.

Aurea Maculatus.

Bismarck.

Camptophyllus. 50c.

Cornutum.

Disraeli.

Moreanus.

Mortii.

Maximum.

Nobilis.

Ovafolia.

Pictus.

Queen Victoria.

Evancianum. 75c.

Fasciatus.

Hanburyanus. 75c.

Imperator, or Challenger.

Interruptum.

Irregularæ.

Maculatus Katonii.

Majesticum.

Undulatum.

Variegata Rubra.

Veitchii.

Voluntum.

Variabilis.

Weismanii.

Youngii.

DRACÆNEA.

Australis. 50c. each.

Draco. Large plants. \$3.00 to \$8.00 each.

Fragrans. 30c. to \$5.00 each.

Goldeana. \$2.00 to \$3.00 each.

Hybrida. 50c. to \$2.50 each.

Indivisi. Graceful foliage. 25c. to 50c. each.

Terminalis. Leaves flamed crimson and pink; very bright and effective; one of the best. 30c. to \$3.00 each.

Tesselata. \$2.00 each.

DAHLIAS.

Of a stately growth, with flowers of the most perfect shape imaginable, with colors the most brilliant as well as delicate shades, and of easy cultivation, and it is no wonder the Dahlia holds such a prominent place in the estimation of the lovers of flowers.

Large Flowering, or Show Dahlias.

15c. each; \$1.50 per doz; our selection of named varieties.

ERIANTHUS RAVIENNÆ.

A hardy perennial grass, resembling the Pampas in appearance and habit of growth, but attaining a greater height than that variety. Its handsome flower spikes, in graceful feathery-like plumes of silvery white, are produced in great abundance, and are exceedingly beautiful. 25c. to \$1.00 each.

ERYTHRINA CHRISTA-GALLI—

Coral Plant.

Magnificent plant, with scarlet-crimson, pea-shaped flowers, borne on spikes. Roots may be preserved in cellars, covered with dry earth. 50c. each; \$4.50 per doz. Extra strong, \$2.00 each.

EUCHARIS AMAZONICA.

One of the most popular winter flowering plants; pure white flower. Give it a warm atmosphere and plenty of moisture. 50c. to \$5.00 each.

EULALIAS.

Japanica Zebrina. The variegation in this lovely grass is across the leaf instead of longitudinally. It grows from 4 to 5 feet in height, is a most strikingly graceful plant. Its flower spikes are equally beautiful and valuable as *E. Japonica*. 30c. to 50c. each.

Japanica Variegated. Leaf long variegated; the flower stems are from 3 to 4 feet high, very red like, and produce loose panicles of flowers; these panicles are hairy and erect until dried, when they become elegantly curled, closely resembling Ich-dien feathers. 30c. to 50c. each.

FERNS.

Our selection of varieties assorted, \$2.00 per doz.

Alsophylla Australia. 50c. to \$3.00 each.

Adiantum Farlayense. \$1.00 each.

..... **Gracilinum.** 50c. each.

..... **Cuneatum.** 40c. each.

..... **Concinnum.** 40c. each.

..... **Formosum.** 50c. each.

..... **Trepesiforme.** 50c. each.

..... **Macrophyllum.** 50c. to \$1.50 each.

..... **Amabile.** \$1.00 each.

..... **Roenbeckii.** 25c. to 50c. each.

Adiantum Decorum Coniforme. 50c. each.

Aspidium Lucidum. 50c. each.

..... **Molle.** 20c. to 70c.

Asplenium Pienicaule. 40c. each.

Blechnum Braziliensis. 25c. to \$5.00 each.

Cyrtogodium Flagelliferum. 50c. each.

Davalia Elegans. 50c. each.

Dicksoni Antarctica. 75c. to \$5.00 each.

Gymnogramme Chrysophylla (Golden Fern). 25c. to 50c. each.

Hypolepis Tenuifolia. 25c. to \$3.00 each.

Lomaria Gibba. 30c. to \$2.00 each.

Lestrea Aristata Var. An attractive Fern, having distinct yellow markings in fronds. 40c. each.

Lestrea Felix Mass Christata. 50c. each.

Lygodium Scandens. (Climbing Fern.) 20c. to \$1.00.

FERNS--Continued.

- Nephrolepis Exaltata.** 30c. each.
 Davaloides Furcans. \$1.50.
 Duffii. A crested variety of distinct form and habit. \$1.00 each.
Polypodium Aureum. (Hare's Foot Fern.) 20c. to \$2.00 each.
Polypodium Kurridrianum. New Sandwich Island Fern, adapted for hanging baskets. 50c. each.
Platystichum Augulare Prolifera. 75c. each.
Platyoma Rotundifolia. 75c. each.
Petris Argyrea. 75c. each.
 Nimoralis Variegata. 50c. each.
 Serrulata. 25c. each.
 Christata. \$1.00 each.
 Cretica Alba Lineata. 20c. each.
 Tremula. 15c. to 50c. each.
 Ambrosa. 50c. each.
Platyterium Alaicorne. (Staghorn Fern.) 50c. to \$2.00 each.
Seolopendrium Vulgara. (Heart's Tongue.) \$1.00.

FICUS ELASTICA.

Foliage large, green and durable. A very useful house plant. \$1.00 to \$5.00 each.
Ficus Elastica Variegata. Habit vigorous; foliage beautifully edged with gold; rare; \$5.00 to \$10.00 each.

CHOICE MIXED GLADIOLI.

All Colors, 50c. per dozen; \$3.00 per 100.
 White and Light, 75c. per dozen; \$6.50 per 100.
 Yellow, \$1.00 per dozen; \$7.50 per 100.
 Striped and Variegated, 75c. per dozen; \$5.00 per 100.
 Scarlet and Pink with White Throat, \$1.00 per dozen; \$7.50 per 100.

GREVILLEA ROBUSTA—The Silk Oak.

A handsome decorative plant of easy growth, with finely cut foliage rivaling a rare fern; very useful and ornamental. Price, \$1.00 each.

HONEYSUCKLES—Lonicera.

25c. and 50c. each.

Aurea Reticulata. Rich, gold-veined foliage, fine for vases and rustic baskets.
Belgica, or Fragrant Monthly.
English Woodbine.
Halleana, or White Woodbine.
Scarlet, or Coral.
Yellow.

HYDRANGEAS.

Price, 25c. to \$1.00 each, according to size.

Thomas Hogg. Pure white; best tender variety.
Hortensis. Pink flowers.
Paniculata Grandiflora. White; perfectly hardy; a profuse bloomer.

Hydrangea Cyanoclava. This variety we consider the most elegant Hydrangea for pot culture, or for tubs, grown. It is much handsomer than Otaksa, the foliage being darker green, with black stems, making it very distinct. This was sent out for a "Blue" flowered variety, and the flowers were that color the first season with us, but last year even the stock plants that were blue the preceding season produced pink flowers. No doubt the color of the flower is affected by the character of the soil they are grown in, as is true of other Hydrangeas. Young plants, 30c. each; extra size, \$1.00 each.

IRIS.

Iris Kampferii. We offer 30 superb new varieties of numbered Japanese Iris in well established clumps at 35c. each; \$4.00 per dozen.

Germanica. (Flags.) Well-known old garden favorites; perfectly hardy; established clumps. 25c. each; \$2.50 per dozen.

IVY.

Irish. Large leaved; a very useful plant. 15c. to 50c. each.

Marmorata. Beautifully marked leaves. 50c. each.

LILIES--In Pots.

These require very little care; the principal thing, indeed, to be attended to is to forbear disturbing them too often. All these kinds, when once planted, should be left as long as possible untouched. The Auratum cannot bear manure; ordinary light soil suits them best. We would call particular attention to Lilium Speciosum as a most magnificent species; and the varieties, though very distinct, are almost

equally handsome. They are remarkable on account of the clear, deep rose color of their flowers, which are all rugged with rubies and garnets, and sparkle with crystal points.

New and Grand Varieties of Auratum.

L. Auratum. Standard type; white ground with purple spots, flaked and striped with gold. 30c. each.

L. Batemanii. A beautiful Japanese variety, with flowers of clear orange color, unspotted. 25c. each; \$2.50 per dozen.

L. Harisii. (Bermuda Easter Lily, or Longiflorum floribunda.) An indispensable variety for pot culture. Hardy if covered with manure in November or early in December. 30c. each; \$3.00 per dozen.

L. Longiflorum. White, trumpet-shaped flowers, strong bulbs. 25c. each; \$2.50 per dozen.

L. Superbum. A native variety that is very valuable when fully established. 25c. each.

L. Speciosum Album. White Japan. 30c. each.

L. Speciosum Rubrum. (Or Roseum, as they are almost identical.) Dark rose, spotted. 30c. each.

L. Tigrinum, fl. pl. The double Tiger Lily. Red, dotted black; a robust and desirable variety. 30c. each.

MADEIRA VINE.

Well-known vigorous climber, with fine, solid, glossy foliage and fragrant flowers. Dry roots, 5c. each; 50c. per doz.; started in pots, 25c. per pot.

MOON FLOWER or EVENING GLORY.**Ipomea Grandiflora.**

This is one of the plants that always gives satisfaction. The flowers are white, moon-like, five inches in diameter, opening in the evening and closing the following morning. They possess a rich odor. The vines often grow 25 to 30 feet during the summer. 15c. to 25c. each.

HARDY MOON FLOWER.

Ipomea Pandurata. This splendid hardy climbing plant will grow rapidly, covering up a great amount of space in one season, and will live in the ground over winter in our northern latitude. The foliage is large and handsome, giving a dense shade. The flowers are truly magnificent, measuring from 3½ to 6 inches across, pure white shading to pink and purple in the throat. Unlike the tender Moon Flower, this species opens its flowers during the day-time and remains open all day, which makes it doubly valuable. Price 25c. each; \$3.00 per dozen.

MUSA ENSETTE.

The finest of all the Bananas for Lawn decorating. Its large leaves presents a tropical appearance, adding variety to the view. \$1.00 to \$3.00 each.

THE ZANZIBAR WATER LILIES.

(*Nymphaea Zanzibariensis*.)

The flowers above are produced in such continuous abundance throughout the season until frost, and will even continue until late in the winter if the tubs are removed to the greenhouse; they give the best of satisfaction, and besides are enchantingly fragrant. The flowers remain open from in the morning until 4 o'clock in the afternoon. For cultivation in tubs it is, perhaps, the best of all.

Azure Blue. Price of roots, \$1.50 each.

NYMTHÆ ODORATA—Water Lily.

N. Odorata Alba. The well-known fragrant Pond Lily; easily grown in tubs or ponds. For tubs, fill six or eight inches deep with fine loam or pond mud; lay in roots carefully and cover two or three inches. Fill up gently with water and keep full. 30c. each; \$3.00 per doz.

N. Odorata Rosea. (Pink Cape Cod Water Lily.) This is one of our grandest acquisitions in hardy aquatics. It possesses all the desirable qualities of the white flowered variety, hardiness, freedom of bloom and delicious fragrance, with the added charm of a deep pink color; the average larger than the white variety. Strong roots that will bloom this season, \$3.50.

NERIUM—Oleander.

The fine colors of its flowers, produced during the summer in immense clusters, combined with its handsome foliage render it very desirable. It will keep in the cellar over winter.

Splendens. Double pink, beautiful, very strong plants. 60c. to \$1.00.

ORCHIDS.

(Large specimens at special prices.)

- Cypripedium Barbatum.** (Moccasin Plant.) \$2.00 to \$3.50.
C. Barbata Variegata. \$2.00 each.
Cypripedium Lawrenceanum. \$2.50 each.
 **Harisianum.** \$4.00 each.
 **Boxasis.** \$3.00 to \$5.00 each.
 **Spiceriana.** \$3.00 to \$5.00 each.
 **Bellalulum.** \$2.50 to \$5.00 each.
 **Hersuttissium.** \$2.50 to \$5.00 each.
Coelogyne Crestata. \$2.50 to \$5.00 each.
Cattleya Triana. \$2.00 to \$6.00 each.
Dendrobium Noble. \$1.00 to \$2.00 each.
 **Formosum Gigantum.** \$2.00 each.
 **Wardianum.** \$2.00 each.
 **Thyrseflorum.** \$2.50 each.
 **Crassinode.** \$1.50 each.
Lycasta Skinnerii. Good strong plants, free bloomers. \$3.50 to \$6.00.
 **Cruenta.** \$2.00 to \$4.00 each.
Lælia Anceps. \$1.50 to \$2.50 each.
 **Autumnalis.** \$2.50 to \$4.00 each.
Oncidium Ornithorhynchium. \$2.00 each.
 **Crispum.** \$2.50 to \$4.00.
Odontoglossum Rossi Majus. \$1.50 to \$6.00.
 **Cirrhosum.** \$2.00 to \$5.00.
Stanhopea Oculata. \$1.00 to \$5.00 each.

PALMS.

We have a fine stock of the most desirable and popular of these beautiful plants, and can supply some of the varieties in large quantities. They have a graceful and rich tropical appearance, always pleasing and for decorative purposes they stand unrivaled. The prices vary with size, some superb examples being worth \$50.00 each.

- Areca Lutescens.** \$1.00 to \$10.00 each.
 **Baenrii.** \$2.00 each.
 **Rubra.** \$2.00 to \$5.00 each.
 **Vershaefelti.** Specimen plants, \$2.00 to \$10.00 each.
Chamærops Flexuosa. \$2.00 to \$3.00 each.
 **Excelsa.** 75c. to \$5.00 each.
 **Humilis.** 50c. to \$3.00 each.
 **Palmetta.** 50c. to \$1.00 each.
 **Tomemto.** 50c. to \$1.00 each.
 **Macrocarpa.** 50c. to \$2.00 each.
Caryota Urens. 50c.
Curculigo Recurvata. 25c. to \$5.00 each.
Cyrus Revoluta. \$2.00 to \$5.00 each.
Latania Bourbonica. 25c. to \$3.00 each.
Seaforthia Elegans. 75c. to \$5.00 each.
Oreodoxia Regia. 25c. to \$4.00 each.
Coccoloba Romanzoffiana. \$2.00 each.
Phoenix Termis. 50c. to 75c. each.
 **Sylvestris.** \$5.00 each.
 **Reclinata.** \$1.00 to \$5.00 each.
 **Dactylifera.** (Date Palm.) 50c. to \$1.00 each.
 **Leonensis.** 50c. to \$2.00 each.
 **Macrocarpa.** \$3.00 to \$4.00 each.
 **P. Rupicola.** Specimens, \$5.00 each.
Rhapis Australis. \$1.00 to \$2.00 each.
Cocos Weddelliana. One of the most graceful Palms imaginable \$1.00 to \$5.00 each.
Pitcairnia Latifolia. \$3.00 each.
Phœnicophorum Schelarianum. \$3.00 to \$10.00 each.
Eutrepia Edulis. \$2.00 each.
Kentia McArthurii. \$3.00 each.
Kentia Belmoreana. \$1.50 to \$3.00 each.
Kentia Fosteriana. A very useful variety, \$2.00 to \$7.50 each.

HERBACEOUS PÆONIES.

A very useful class of showy herbaceous perennials that should be found in every garden of any considerable size. We have great variety of double, ranging in color from white to deepest crimson. Our varieties are known by numbers. Price, 40c. each; \$3.00 per doz.

- No. 1. Pure White.
 " 2. Fine Pink.
 " 3. Dark Crimson.
 " 4. Light Blush.
 " 5. Light Red.
 " 6. White; with yellowish centre.
 " 7. Pink, very large.
 " 8. Bright Crimson.
 " 9. Dark, Purplish Crimson.
 " 10. Clear Red; large.
 " 11. Light Rose.
 " 12. Deep Red.
 " 13. Blush Pink.
 " 14. Light Blush; yellow centre.

Tenuifolia. This is one of the finest and rarest species; foliage finely divided, and large, double, brilliant dark-red flowers; fine for forcing. 75c.

Also, a mixed lot of extra-sized plants. Price, 50c. each, or \$4.00 per dozen.

PILEA.

Pilea Muscosa. (Artillery plant.) Very curious, frond-like leaves. 13c. each; \$1.25 a doz.

PHYLIANTHUS ROSEA PICTA.

An elegant stove plant having pinnate leaves; leaflets are round and variegated with crimson, cream color and bronze. No two leaves marked alike. Requires sunlight to bring out the colors well. 50c. each.

PILOGYNE SAUVIS.

A rapid-growing climber; with small, glossy, green, ivy-like leaves. Flowers small, star-shaped and delicately musk-scented. For covering verandas, etc., in summer it has no equal. 20c. each; \$2.00 per doz.

POINSETTIA.

Plenissima. Double Poinsettia. 50c. to \$2.00 each.

Pulcherrima. Single, 25c. to 50c. each.

..... **Major.** Blooms much earlier than the old one. 50c. to \$2.00 each.

PASSIFLORA.

Constance Elliot. This is a seedling from Passiflora Cerulea, and, like it, is hardy, a free grower and a profuse bloomer; flowers pure white, slightly tinted purple. 35c.

Princeps Sanguineus. Scarlet, producing flowers in long clusters. 50c. each.

Decaisniani. Large purple fringed. 35c.

PRIMROSE—Single Chinese.

Assorted colors 25c. each.

RICINUS.

An ornamental variety of the Castor Oil plant, with deep green foliage and blood-red stems; a most magnificent plant to stand alone or form a centre of a group; attains a height of ten feet in a season, with a corresponding diameter. Strong plants, in 4 or 5 inch pots; ready May 1st. 25c. each; \$2.50 a dozen.

ROSES.

(See separate list, pages 26 and 27 inclusive.)

SEDUM.

Hardy. Desirable for covering graves; remains green all season. 25c. per sq. ft.

SUN FLOWER—Double Perennial.

Helianthus Multiflorus Plenus. This is one of those rare old hardy plants that has been lost to cultivators for years, and we are pleased to be able to offer it. The plant grows about four feet high, bearing numerous large golden heads of flowers, as large as Dahlias, and continuing in bloom until frost, and will be much prized as corsage flowers. 25c. each.

STEVIA SERRATA VARIEGATA.

A splendid plant for blooming. 15c. each; \$1.50 a dozen.

SUCCULENTS.

Agave Americana (Century Plant). 50c. to \$5.00 each.

..... **Variegata.** 50c. to \$5.00 each.

Aloe Arborea (Tree Aloe). 30c. to \$3.00 each.

Cereus Grandiflora (Night Blooming Cereus). White, 50c. to \$1.00 each.

..... **Triangularis.** Blush white. 30c. to \$1.00 each.

Echeveria Sanguinea. 25c. each.

Euphorbia Splendens. 25c. to \$1.00 each.

Epyphyllum (Crab Cactus). Two colors; grafted, 30c. to \$1.00 each.

TUBE ROSE—"New Pearl."

Dry roots, 5c. each; 50c. per doz.; \$3.00 per 100; started in pots, 15c. each; \$1.50 per doz.

YUCCA—Adam's Needle.

Filamentosa. An ornamental, hardy plant, resembling both Palm and Aloe. Flower stem rises five and six feet high, surmounted with handsome, large, bell-shaped flowers, white. Very desirable, strong plants. 50c. to \$1.00.

Tricolor. A variety with richly variegated foliage. Especially attractive in large vases. Strong plants. 75c. to \$5.00 each.

Select List of Hardy Perennials.

Anemone Japonica Alba. 30c.
Anemone Japonica Rubra. 30c.
Aquilegia. Mixed varieties. 25c. each; \$2.50 per doz.
Aquilegia Cœrulea. From the Rocky Mountains. Said to be the best. 25c. each.
Astilba Japonica. (Spiræa.) 30c. each; \$3.00 per doz.
Artemesia Stellaris. 10c. each; \$1.00 per doz.
Convallaria Majalis. Clumps, 25c. each; \$2.50 per doz.
Chrysanthemums. In varieties. 15c. each; \$1.50 per doz.
Dicentra Spectabilis. (Bleeding Heart.) 25c. each; \$2.50 per doz.
Funkia, or Day Lilies. In varieties. 40c. each; \$4.00 per doz.

Hollyhock. Finest mixed varieties. 15c. each; \$1.50 per doz.
Iris. In pots; in varieties. 25c. each; \$2.50 per doz.
Iris, New Japan. 50c. each; \$5.50 per doz.
Lilies. In varieties. 25c. to 75c. each.
Myosotis. (Forget-me-not.) In varieties. 20c. each; \$2.00 per doz.
Phlox Decussata. A fine collection; 25c. each; \$2.00 per doz.
Sunflower. Double perennial. 30c. each.
Herbaceous Pœonies. 30c. each; \$3.00 per doz.
Violets, Marie Louise. New, sweet-scented; darker than the Neapolitan; flowers double the size and as free-flowing. 25c. each; \$2.50 per doz.
Yucca Filamentosa. (Adam's Needles.) 50c. to \$1.00 each.

Additional List of Greenhouse and Stove Plants.

Those marked with a † are Stove Plants.

Auriacaria Excelsa. Specimens, \$3.50 each.
 **Imbricata.** Imported plants, 2 ft., \$3.00 each.
Asparagus Plumosa. Beautiful fern-like leaves. 50c. to \$2.00 each.
 **Aloecasia Odora.** 30c. to \$5.00 each.
Amomum Cardimomum. 75c. each.
 **†Artocarpus Canonii.** 50c. each.
Abhania Malvaviscus. (Cardinal's Cap.) 40c. to \$1.00 each.
Ardesia Crenulata. 25c. to 75c. each.
Aspidestra Lurida. 50c.
 **Var.** \$1.00 to \$4.00 each.
Azalea Indica. Flowering Plants, \$2.00 to \$5.00 each.
 **†Ananassa Sativa.** (Pine Apple.) \$3.00 each.
 **†Anthurium Chrystallinum.** \$5.00.
 **Grandis.** \$3.00 to \$5.00 each.
 **Andreanium.** Fine, large plants in bloom. \$4.00 each.
 **†Acmea Discolor.** \$1.00 each.
 **†Aralia.** Variegated green and white.
 **Guilfoyli.** 75c. each.
Bambusa Argentea Striata. 25c. each.
 **†Bilbergia Rosea.** 75c. each
 **†Bigonja Radicans.** 50c. each.
Carex. Reed like, for baskets, etc., 35c. each.
Calla Ethiopica. (Egyptian Lily.) 20c. to \$1.00 each.
 **Nana.** (Dwarf.) 30c. to 75c. each.
Camellia Japonica. A collection of the leading varieties. \$1.00 to \$5.00 each.
 **†Centradnia Floribunda.** 25c. each.
 **†Cissus Discolor.** 25c. to 50c. each.
Convolvulus Mauritanicus. 15c. each.
 **†Clerodendron Balfouri.** 25c. to 50c. each.
Cyclamen Persicum. (Alpine Violets.) 35c. to \$1.00 each.
Cyperus Alternifolius. (Egyptian Paper Plant.) Almost an Aquatic. 25c. each.
Citrus. In variety. (Orange Lemon.) \$1.00 to \$6.00 each.
Daphne Odorata. 30c. each.
 **†Dieffenbachia Picta.** 50c. to \$1.00 each.
 **Baraquiniana.** 50c. each
 **Bausei.** \$1.00 to \$2.00 each.
 **†Echites Picta.** 35c. each.
Eunonymus Japonica, Elegantissima and Aurea. 20c. each.
 **†Execoria Discolor.** 35c. each.
Farfugium Grande. 25c. to \$1.00.
 **†Fiscus Elastica.** (India Rubber Tree.) 50c. to \$1.00 and \$3.00 and upwards.
 **†Ficus Australis.** \$1.50 each.
 **Repens.** 20c. to 50c. each.
 **†Fittonia (Gymnostachium) Argyronea.** 30c. each.
 **Gigantea.** 35c. each.
 **Vershaeffelti.** 50c. each.

Gardenia Florida. (Cape Jessamine.) 25c. to \$1.00 each.
Hibiscus Sinensis. Good winter bloomer. 25c. to \$1.00 each.
 **Rosea.**
 **Rosea Rubra.**
 **Rosea Fringed.** Single.
 **Miniature Semi Plena.** Semi-double.
 **Donaldsonii.**
 **Cooperii.**
Jasminium Grandiflorum. (Cantonias Jasmine.) Pure white; very fragrant. 25c. to 50c. each.
 **†Maranta Bicolor.** 50c. each.
 **Regalis.** \$2.00 each.
 **Zebrina.** 30c. to \$5.00 each.
 **Leitzii.** \$2.00 to \$3.50 each.
 **Massangeana.** \$2.00 to \$3.50.
 **Kerchoveana.** \$2.00 to \$3.50.
 **Cherbonrunsis.** \$2.00 to \$3.50.
 **Sanguinea.** 30c. to \$5.00.
 **Princeps.** 50c. to \$1.00.
 **Makoyana.** 50c. to \$1.00 each.
 **Vanderheckii.** 50c. to \$1.00 each.
 **Porteana.** 50c. to \$1.00 each.
 **Capitata.** 50c. to \$1.00 each.
Mimulus Moschatous. (Musk Plant.) 15c. each.
 **†Musa Ensete.** 50c. to \$3.00.
 **Cavendishii.** (Banana.) \$2.00 each.
 **†Nidularium Marvilliana.** \$2.00 each.
Nierembergia Gracilis. 15c. each.
Oxalis. In variety, single and double.
 **†Palms.** (See separate list, page 32.)
 **†Panicum Variegatum.** 15c. each.
Pandanus Utilis. (Screw Pine.) 50c. to \$2.00 each.
 **Veitchii.** 50c. to \$3.00 each.
 **†Paulinia Thalict trifolia.** 30c. each.
 **†Poinsettia Pulcherima.** 25c. to 50 cents.
 **†Philodenron Pertusum.** 75c. to \$5.00 each.
 **†Phyllanthus Rose Picta.** 30c. each.
Plumbago Carpensis. 25c. each.
 **†Reineckia Carnea.** 15c. each.
 **Variegata.** 25c. each.
 **†Rhoodea Japonica.** 60 cents each.
Saxifraga Sarmentoso. (Wandering Jew.) 10c. each.
Selaginella. 12 choice varieties. 10c. to 50c. each.
 **†Stephantis Floribunda.** 50c. to \$3.00 each.
 **†Thunbervia Fragrans.** White climber, 30c. each.
 **Laurifolia.** Blue, 40c.
Tradescantia Discolor Vitata. 35c. each.
 **Repens.** Green. 15c. each.
Zebrina. 15c. each.
Vinca Variegata Elegantisima. 25c. each.

FRUIT TREE DEPARTMENT.

See Important Notice on 2d Page of Cover.

Hints For Planting.

When the purchaser receives his trees he should cut away all mutilated roots and **plant promptly** in good soil, placing the trees only an inch or two deeper than they stood in the nursery. Be particular to have all the interstices filled with fine soil, so that the fibres are brought in contact with it. **The soil** must be firmly tramped in. **Manure** should be used afterwards on the surface as a **mulch**, and should be stirred up from time to time during the summer, with an occasional thorough watering should the weather turn dry. **Drainage** is very important. **Shorten** the top of the deciduous trees and shrubs from one-third to one-half, except Magnolias, Horse Chestnuts, etc., that have large terminal buds. A circular containing fuller instructions on this subject can be had on application.

Select Apples.

Prices of Standard, 5 to 7 feet high, 25c. each; \$3.00 per dozen.; \$5.00 per 25; \$9.00 per 50; \$18.00 per 100. New varieties, \$5.00 per doz.; 50c. each.

APPLES.

Large Fall Rambo.	Ohio Nonpareil.
Baldwin,	Early Colton. (New, 50c.)
Ben Davis.	Grime's Golden.
Cooper's Market.	Mann. (New, 50c.)
Gibbs.	Northern Spy.
Golden Gate.	Rambo.
Golden Medal.	Stark.

Trees, Extra Large. We have a few extra sized apples, our own selection of varieties, at from 50c. to \$1.00.

SIBERIAN CRABS.

35c. each; \$4.00 per doz.

Montreal Beauty.	Transcendent Crab.
Red Siberian Crab.	

Select Standard Pears.

The following list includes those which have been well tested and found valuable.

Prices, except where noted, 50c. each; \$5.50 per doz.

Bearing sized trees can only be furnished where noted.

SUMMER PEARS.

Bartlett.	Lawson Comet. (New)
Clapp's Favorite.	\$1.00 each.

AUTUMN PEARS.

Flemish Beauty. Also bearing size at \$2 each.	Seckel.
Howell. Also bearing size at \$2.00 each.	Sheldon. Also bearing size at \$2.00 each.

WINTER PEARS.

Beurre D'Anjou.	President Druard (New)
Lawrence.	\$1.00.

NEW STANDARD PEARS.

Wildier Early (New Pear). Price for standard trees, 3 to 5 feet, \$1.25 each.

Idaho. Sold under trade mark, seal of Idaho Pear Company, at \$1.00 each; 4 to 5 feet.

Select Dwarf Pears.

Price, 2 and 3 years old, extra. choice, 50c. each; \$5 per doz.

SUMMER.

Tlapp's Favorite.	Manning's Elizabeth.
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AUTUMN.

Duchess D'Angouleme.	Seckel.
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WINTER.

Mount Vernon.

Cherries.

Murdoch's Bigarreau. Fruit of the largest size, ranging in size from $\frac{3}{4}$ to $1\frac{1}{4}$ inch in diameter. Form roundish, heart-shaped, slightly indented at the apex. Flesh juicy, sweet, exceedingly firm, bearing carriage best of any cherry we know, and less subject to rot than most varieties. Skin yellowish, overspread with crimson, and becoming almost black when fully ripe. Season from 20th of June until 10th of July. They are wonderfully productive. 75c. each.

Rostraver Bigarreau. Fruit nearly as large as Murdoch's Bigarreau, not quite so dark colored, becoming a rich crimson when fully ripe. Tree a good grower and productive. Ripens about 1st of July. 75c. each.

To encourage the planting of these two varieties we offer them at the low price of \$7.50 per doz.

SELECT PEACHES—Extra Choice Trees.

ALL FREESTONES.

Price, except where noted, one-year-old trees, 15c. each: \$1.50 per doz.; \$5.00 for fifty; \$11.00 per hundred.

Crawford's Early.	Old Mixon Free.
Crawford's Late.	Stump the World.

GRAPES.

Concord. Two years, 15c. each; \$1.50 per doz.; \$5.00 per hundred.

Delaware. Two years old, 25c. each; \$2.00 per doz.; three years, 30c. each; \$3.00 per doz.

Moore's Early. Black. Two years old, 25c. each; \$2.50 per doz.; three years old, 30c. each; \$3.00 per doz.

Niagara. A white grape that has been thoroughly tested. Two years, 30c. each; \$3.00 per doz.; three years, 40c. each; \$4.00 per doz.

PLUMS.

On plum stocks, 2 and 3 years, 50c. each; \$5.00 per doz.

Bavay Green Gage. (Reine de Claude Bavay.) Fruit large, greenish yellow, covered with a thin bloom. Flesh juicy, melting, sugary, rich and excellent. Quality best. September and October.

Blue Damson.

Duane's Purple.

Lombard.

McLaughlin.

Prunus Pissardi, or Purple Leaf Plum, 50c. to \$1.50 each.

QUINCES.

Apple or Orange. 50c. each.

Meeche's Prolific. 50c. to \$1.00 each.

Rea's Mammoth. 50c. to 75c. each.

Champion. 50c. to 75c. each.

CURRENTS.

Price, two years old, 15c. each; \$1.50 per doz.; except where noted.

Black Naples.

Cherry.

Fay's Prolific. Color red, two years old, 2^c. each; \$2.00 per doz.

La Versaillaise. Color red.

Black Champion.

Red Dutch.

Victoria.

White Grape.

RASPBERRIES.

Cuthbert, or **Queen of the Market.** Red, 50c. per doz.; \$1.50 per hundred; \$9.00 per thousand.

Gregg. The largest and most productive of all the blackcap family. 50c. per doz.; \$1.50 per hundred; \$9.00 per thousand.

Souhegan. A very early black variety. 50c. per doz.; \$1.50 per 100; \$9.00 per 1,000.

Ohio. Blackcap. 50c. per doz.; \$1.50 per 100; \$9.00 per 1,000.

Marlboro. Red. 50c. per doz.; \$1.50 per 100; \$9.00 per 1,000.

STRAWBERRIES.

Price 50c. per doz., except where noted.

Bubach. (No. 5) Berry large and delicious; flower perfect. Season medium. 50c. per doz.; \$1.50 per 100; \$7.50 per 1,000.

Haverland. A new variety that is very productive, has picked at the rate of 127 bushels per acre at one picking. The plant is truly a vigorous grower. Very productive. Season early. \$1.50 per 100; \$7.50 per 1,000.

Jessie. One of the best large berries under cultivation; has been grown 2½ inches in diameter and succeeds on any good soil. Season medium. Very fine. \$1.50 per 100; \$7.50 per 1,000.

Logan. A variety of promise, producing under ordinary culture a fine crop of large fruit, uniform in size and of good quality. \$1.50 per 100; \$7.50 per 1,000.

Wilson's Albany. Too well known to describe, and holds its own with new varieties grown in many localities, and very productive. \$1.50 per 100; \$7.50 per 1,000.

RHUBARB.

Myatt's Linnaeus. 15c. each; \$1.50 per doz. Large clumps, 50c. each.

ASPARAGUS ROOT.

Palmetto. First class two year plants, 50c. per doz.; \$2.00 per 100.

Barr's Mammoth. First class two year plants, 50c. per doz.; \$2.00 per 100.

ORNAMENTAL DEPARTMENT.

See Important Notice on 2d Page of Cover.

Evergreen Trees.

Abies. (THE SPRUCE.)

Canadensis. Hemlock. 5 to 8 feet, 75c. to \$1.50 each.

A. Douglassii. 3 to 4 feet, \$1.50 each.

Excelsa. (Norway Spruce.) 5 feet, \$1.00; 6 feet, \$1.50; 8 to 12 feet, \$2.00 to \$5.00 each.

American Blue Spruce. \$2.00 each.

Buxus. (THE BOX.)

Upright. 12 to 18 inches, 50c to 75c. each.

Juniperus. (THE JUNIPER.)

Hibernica. Irish. 2 feet, 50c.; 3 feet, 75c.; extra fine specimens, \$1.00 to \$2.00 each.

Pinus. (THE PINE.)

Cembra. 2 feet, \$1.00.

Strobus. Weymouth or White Pine. 4 feet, 75c. each.

Thuya. (THE ARBOR VITÆ.)

Globosa. 18 to 30 inches, \$1.00 to \$1.50 each.

Occidentalis. American Arbor Vitæ. 3 feet, 40c. each; 5 to 6 feet, 75c. to \$1.00 each; 10 feet, \$2.00 each.

Siberica. Siberian or Warrena. 2 feet, 50c.; 3 feet, \$1.00 to \$1.50; extra fine specimens, \$2.50 each.

Reedii. 2 feet, 50c.; 3 feet, \$1.00 each.

Retinospora Lycopoides Aurea Variegata. 3 to 5 feet, \$1.50 to \$2.50 each.

Deciduous Ornamental Trees.

EXPLANATION.—The botanical name of the genus is given first in **Full-Faced Type**; the variety of specie in *Italics* and the English name in **SMALL CAPITALS**. Those marked thus † are most suitable for Streets, Parks, Avenues, etc.

Price of trees of usual size, except where noted, \$1.00 each. Price of trees of extra size, \$1.50 and upward, as to size and quality. Some grand specimens being worth twenty or thirty times that of an ordinary tree.

5,000 NORWAY MAPLES.

†**Acer Platanoides.** We call special attention to our superb stock of this superior ornamental. Our trees have been repeatedly transplanted, and have an abundance of fibrous roots. Price, 6 to 8 feet, 75c. each; \$50.00 per 100; 8 to 9 feet, heavy, \$1.00 to \$2.00 each; extra large and heavy, \$3.00 to \$5.00 and upward, each. Special prices on lots of 200 or more.

4,000 CAROLINA POPLAR.

†**North Carolina Poplar.** *Populus Monilifera.* For a handsome, rapid growing, well furnished tree, that is now extensively used, we recommend this variety. It is not particular as to soil, and will succeed admirably where other trees would either fail to do well, or at most, barely exist. Price, 12 feet, \$1.00 each; \$10.00 per doz.; extra heavy, \$1.50 to \$3.00 each. Special prices on lots of 200 or more.

Acer. (THE MAPLE.)

Acer Colchicum rubrum. Very rare and choice. 6 to 8 feet, \$2.00.

Dasyacarpum. Silver leaved (This must not be confounded with the *Silver Poplar*, which is so troublesome on account of the numerous suckers it throws up.) \$1.00 to \$3.00 and \$5.00 each and upwards.

†**Negundo.** †**Ash Leafed Maple** or **Box Elder.** \$1.00 to \$2.00 and \$5.00 each.

DECIDUOUS ORNAMENTAL TREES— Continued.

†*Platanoides*. Norway Maple. For price and special description, see head of this department.

†*Reitenbachii*. (REITENBACH'S NORWAY MAPLE.) \$1.00 to \$1.50 each.

†*Purple Leaved Norway Maple*. 3 to 4 feet, \$1.00 each; 6 to 7 feet, \$2.00.

†*Schwedlerii*. (SCHWEDLER'S NORWAY MAPLE.) 4 to 5 feet, \$1.00 to \$2.00 each.

†*Pseudo Plantanus*. English Sycamore. 8 to 12 feet, \$2.00 and upward each.

†*Rubrum*. (Red Maple, Scarlet Maple.) \$1.00 to \$2.00 and \$5.00 each.

□†*Saccharinum*. Sugar. 8 feet, \$1.00; 10 feet, \$1.50; 12 feet, \$2.00; larger \$5.00, \$10.00 and \$15.00 each.

Snake Barked. 6 to 8 feet, \$2.00 each.

Wier's Cut Leaved Silver Maple. \$3.00 to \$5.00 each. A few at \$1.00 each.

Æsculus. (THE HORSE CHESTNUT.)

†*Hippocastanum*. English, 6 feet, 75c. each; \$6.00 per doz. 8 to 10 feet, \$1.50 to \$2.00. Extra tree, \$3.00 to \$5.00 and \$10.00 each.

Dwarf Horse Chestnut. 18 inches, 50c. each.

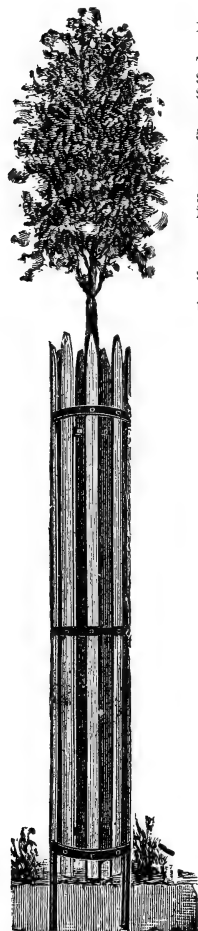
Alanthus. (TREE OF HEAVEN.)

†*Glandulosa*. Very desirable for streets, being free from disease and insects. \$1.00 to \$3.00 each.

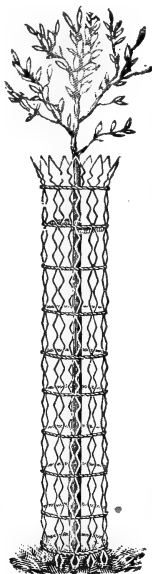
Betula. (THE BIRCH.)

†*Alba*. White European, 9 feet, \$1.00; 10 to 12 feet, 1.50.

Laciniata. Cut leaved, weeping, 8 to 10 feet, \$1.50 to \$2.00 each.



TREE BOX, \$1.30 each.



TREE PROTECTOR, \$1.25 each.

Cercidiphyllum Japonicum. A newly introduced tree from Japan. \$1.00, \$2.00 and \$3.00 each.

Catalpa. (THE CATALPA.)

†*Purple Leaved Catalpa*. \$1.00 to \$1.50; a few at \$2.50.

†*Speciosa*. 75c. to \$3.00 each.

Castanea. (Chestnut.) Sweet American, 9 and 10 feet, \$1.00 and \$2.00 each.

Numbo. Grafted trees, 3 to 4 feet, \$1.00; 4 to 5 feet, \$1.50.

Japonicus. (Japan Chestnut.) 4 feet, \$1.00.

Cornus Florida. (WHITE FLOWERING DOGWOOD.) 50c. to \$1.00.

Cytissus Laburnum. (Golden Chain.) 6 to 8 feet, \$1.00 to \$1.50 each.

Diospyros Virginica. (AMERICAN PERSIMMON.) 4 feet, 50c.

Double Flowering Chinese Crab. 50c. each.

†**Honey Locust.** 8 to 10 feet, 75c. to \$1.50 each.

Larix. (THE LARCH.)

†*Europea*. \$1.00 to \$1.50 and \$3.00 each.

Liquidamber. (SWEET GUM.)

†*Styraciflua*. 8 feet, \$1.00 to \$2.00 each.

Liriodendron. (THE TULIP TREE.)

†*Tulipifera*. \$1.50 up to \$5.00.

Magnolia. (THE MAGNOLIA.) Magnolia should only be transplanted in the spring.

†*Accuminata*. (Cucumber Tree.) \$1.00 to \$2.00 each.

Conspicua. Chinese. Has beautiful flowers, which appear before the leaves. Fragrant and very showy, 3 to 4 feet, \$1.00 to \$2.00 each.

Glauca. Beautiful, glossy leaves, and fragrant white flowers, desirable for its foliage, as well as its flowers. 5 to 7 feet, \$1.00 to \$2.50.

Hypoleuca. Japan. A new tree of great beauty, leaves a foot long; creamy white flowers, delightfully fragrant. Blooms in June after the foliage is developed. 6 to 8 feet, \$3.00 each.

Kobus. Japan. Medium size, bushy form, flower bush white, sweet scented. \$1.00 to \$1.50 and \$3.00 each.

Lenne. Chinese. Very showy; flowers crimson purple outside and pearl color within. One of the finest. \$1.50 to \$3.00 each.

Mycrophylla. The Great Leaved Magnolia. Enormous leaves and flowers. \$1.00 to \$2.00 and \$3.00 each.

Obovata. \$1.00 and \$2.00 each.

Soulangeana. Chinese. Largest of the Chinese Magnolias, producing in the greatest profusion white flowers with purple at the base of the petals. \$1.50 to \$3.00 each.

Stellata. (Halleana.) New, most elegant, forming a complete bush, which is covered in early spring before any other Magnolia, and before its leaves appear with exquisite semi-double flowers. These flowers resemble the water lily in the translucent whiteness of their narrow petals and surpass all others in delicate, subtle odor. \$2.00 to \$4.00 each.

†*Tripetta*. Umbrella tree. 6 to 8 feet, \$1.00 to \$2.00 each.

Morus. (THE MULBERRY.)

Russian Mulberry. 6 to 8 feet, \$1.00 up to \$3.00 each.

†**Plantanus Orientalis.** Plane. 5 feet, 75c.; 8 feet, \$1.00; 10 feet, \$2.00 each.

†**Populus.** (THE POPLAR.)

†*Carolina Poplar*. See prices and special description at head of this Department.

†*Fasgiata*. Lombardy or Italian. 50c. to \$1.00 and \$5.00 each.

†*English Poplar*. \$2.50 to \$5.00 each.

†*Van Gertii*. (New.) Golden foliage. 75c. to \$1.00 each.

†*Gigantea*. (Canadian Poplar.) \$1.00 to \$2.00 and \$5.00 each.

†**Philodendron Amurense.** (Chinese Cork Tree.) 75c. to \$3.00 each; extra fine specimens, \$5.00 each.

Quercus (THE OAK.)

†*Ruber*. English Oak. \$1.50 to \$3.00 each.

Pin Oak. \$1.00 to \$2.00 each.

Concordia. New Golden Oak. \$2.00 each.

Sorbus. (THE MOUNTAIN ASH.)

†*Acuparia*. European. 8 feet, \$1.00; larger, \$2.00 each.

Hybrida. (Dwarf Hybrid Mountain Ash.) 6 to 8 feet, \$1.50 to \$3.00 each.

Quercifolia. (Oak Leaved Mountain Ash.) \$1.00 to \$2.00.

Salisburia. (THE MAIDEN HAIR TREE.)

†*Adiantifolia*. 6 to 8 feet, \$1.50; 4 to 6 feet, 75c.

Tilia. (THE LINDEN.)

†*Americana*. American. 10 to 13 feet, \$1.00 to \$3.00, \$5.00, \$10.00 and \$15.00 each.

†*Europea*. European. 10 to 12 feet, \$1.00 to \$3.00, \$5.00, \$10.00 and \$15.00 each.

Ulmus. (THE ELM.) Price, \$1.00 to \$5.00, \$10.00 and \$20.00 each.

†*Americana*. American.

†*Campestris Fastigiata*. English.

†*Montana*. Scotch or Wych.

Deciduous Weeping Trees.

Betula. (WEeping BIRCH.)

Laciniata. Cut leaved, weeping. \$1.50 to \$2.00.

Cornus Florida Pendula. (NEW WEEPING DOGWOOD.) \$1.00 to \$2.50 each.

Salix. (THE WILLOW.)

Caprea Pendula. Kilmarnock Weeping. 75c. to \$2.00 each.

Ulmus. (THE ELM.)

Camperdown Weeping. Extra fine trees, \$1.50 to \$2.00 each.

Cerasus Japonica Rosea Pendula. (JAPAN WEEPING CHERRY.) \$1.00 to \$2.00.

Japan Maples.

They are of dwarf habit, rarely growing over five or ten feet high, and have proved perfectly hardy during fifteen winters. There are many varieties, some with highly colored leaves, from a pure white variegation to pink and dark purple, and others with leaves as deeply cut as lace. A mass of them on a lawn is a thing to be remembered, the color of the leaves being constant. The whole class is destined to a popularity unequalled by any other hardy trees or shrubs. Price, \$1.50 to \$2.00 and \$3.00 each for trees from two or three feet high, according to variety. Extra specimens, \$5.00 each.

Deciduous Flowering Shrubs.

This class of plants is best adapted for immediate effect on either large or small places, being of a quick or rapid growth, and producing by their difference in character of foliage and flowers, a beautiful appearance in a very short time, particularly when arranged properly in irregular groups in front of large trees, or a screen to hide fences or other unsightly objects. There is nothing so desirable for such purposes, and on a new place they will soon give it a finished appearance.

They are of easy culture, thriving in almost any soil, and requiring but little attention, except in pruning the young roots of the previous year's growth, which should be cut back every spring to keep them in the desired form, to maintain a continued young growth, on which the flowers are produced.

Price per plant, except where otherwise noted, 50c. each; \$5.00 per doz.; extra sized plants, 75c. to \$1.00 each.

Berberis. (THE BERBERRY.)

Purpurea. Purple leaved.

Calycanthus. (SWEET SCENTED SHRUB.)

Floridus.

Clethra Alnifolia.

Chionanthus. (WHITE FRINGE.)

Virginica.

Cydonia. (THE JAPAN QUINCE.)

Japonica. Bright scarlet flowers.

Cornus. (THE DOGWOOD.)

Muscata Variegata. 50c. to \$1.00 each.

Sanguinea. (Blood Red.)

Siberica folis alba-marginatis. (RED SIBERIAN DOGWOOD.) 75c. to \$1.50.

Dimosyhanthus Mandchuricus. 75c. to \$3.00 each.

Deutzia. (THE DEUTZIA.)

Pride of Rochester. (New.) 50c. to 75c.

Crenata, fl. pl. Double white.

Crenata, fl. pl. Alba.

Gracilis.

Exochordia Grandiflora. (Amelanchier.)

Eunymus. (THE SPINDLE TREE.)

Europens. 50c. to \$1.50 each.

Filbert. Purple leaved, 50c. to \$1.00 each.

Fortunii.

Suspensa.

Viridissimi.

Hibiscus. (THE ALTHEA OR ROSE OF SHARON.)

Hydrangea. (THE HYDRANGEA.)

Hortensis. Half hardy.

Paniculata Grandiflora. 25c. to \$1.00 each.

Special rates for extra large plants by the hundred, 3 and 4 feet.

Kerria Japonica. (Corchorus.)

Folio Varietatis. 50c. to \$1.00.

Pavia. (SMOOTH FRUITED HORSE CHESTNUT PAVIA.)

Fr. P. macrostachya. (Dwarf White Horse Chestnut.) 50c.

Prunus Fissardi. Or purple leaved plum. 75c. to \$1.50 each.

Philadelphus. (SYRINGA OR MOCK ORANGE.)

Coronarius. Yellowish white, very sweet scented flowers.

Coronarius, fl. pl. A variety with partly double, very fragrant flowers.

Corymbosa. A profuse bloomer, fragrant, blooms later than *Coronarius*; one of the best.

Grandiflora. Large white flowering; not fragrant.

Rhus. (THE SUMAC.)

Continus. Purple fringe or smoke tree.

Spiræe. (THE SPIRÆE.)

Aurea. Golden Spiræe.

Callosa. Rose-colored flowers.

Callosa Alba. White flowers.

Prunifolia, fl. pl. Small, double white blossoms, which entirely cover the stem and appear before the leaves.

Reevesii, fl. pl. Double, pure white flowers.

Thunbergii. A pretty white flowering variety.

Spiræa Bumalda or *Species Japonica.* Flowers rose colored, in great profusion during mid-summer and autumn.

S. Paniculata Rosea. A vigorous grower, rose colored flowers. July.

Spiræa callosa superba. Flowers white, 35c. each.

Spiræa Van Houttei. The most showy of all the Spiræas.

Flowers pure white, in great clusters and whorls, forming cylindrical plumes 2 feet long.

Syringa. (THE LILAC.)

Persica. Bright, pinkish purple. 50c. to \$1.00 each.

Vulgaris. Common lilac. Bluish purple flowers. 35c. to \$1.00 and \$2.00 each.

Vulgaris alba. Common White Lilac. 35c. to \$1.00 each.

Tamarix. (THE TAMARIX.)

Africana. African. Delicate pink flowers.

Thorns Flowering. 50c. to \$1.00 each.

Single Scarlet.

Red.

Double White.

Weigelia. (THE WEIGELIA.)

Candida. Pure white.

Floribunda. Dark crimson, with white stamens projecting from them. 75c. each.

Rosea. In June is literally covered with blossoms of a clear pink.

Hortensia Nirea. WHITE FLOWERED.

Hortensia Rubra. Red.

Intermediate. W. Rosea.

Stelmerii. New; dark rose.

Viburnum. (THE VIBURNUM.)

Opulus. Snowball.

Oxyccocus. Tree cranberry.

Plicatum. (New Japan Snowball.) A beautiful species.

The balls of flowers are from 3 to 5 inches in diameter, of the purest white, and almost cover the plant when in bloom.

50c. to \$1.00 each. Special rates on extra plants by the hundred.

Yucca. (ADAM'S NEEDLE.)

Filamentosa. Stout lance-shaped foliage, with white flowers on a strong, upright stem, in a pyramidal form, 3 to 4 feet high. Very handsome. Large plants, 50c. to \$1.00 each. Very large specimens, \$2.00 each.

Climbing Shrubs, Vines and Trailing Plants.

A most useful and desirable class of plants, much used for covering trellises, rock-work, verandas, walls, etc. Many of them have beautiful flowers, like the Wisteria, and grow to a great height where they can have support; while others have magnificent foliage, which change their color as the season advances, like the Virginia Creeper. Price per plant, except where otherwise noted, 30c.; \$3.00 per doz.; extra sized plants, 50c. to \$1.00 each.

Actinidia Polgama. A climbing plant from Japan. 50c.

Akebia. (THE AKEBIA.)

Quinata. A very highly esteemed clinging plant with fragrant flowers; the leaves are five lobed, small and of a glossy deep green color. 25c. to \$1.00 each.

Ampelopsis.

Herderacea. (VIRGINIA CREEPER.) 25c. to 50c. each.

Veitchii. Veitch's. (BOSTON IVY.) 25c. each, extra large vines, 50c. each.

A Royalii. 25c. to 50c. each.

CLIMBING SHRUBS, VINES AND TRAILING PLANTS—Continued.

Aristolochia. (THE BIRTHWORT OR PIPE VINE.)
Sipho. 50c. to \$1.50 each.

Bignonia. (THE TRUMPET FLOWER)
Radicus.

Hedera. (THE IVY.)

Variegata. Variegated foliage, very fine. 50c. each.

Hibernica. Irish. The well-known old sort, deep green foliage, the hardiest; the most used for outdoor planting. 15c. to 50c. each.

Lonicera. (THE CLIMBING HONEYSUCKLE.) 25c. to 50c. each.

Aurea Reticulata. Variegated Japanese.

Belgica. Fragrant monthly.

English or Chinese Woodbine.

Halleana. A white flowering monthly variety.

Semperfrens. Scarlet Trumpet Monthly.

Yellow Monthly. Blooms all summer; large yellow blossoms, an old standard sort.

Passiflora. (THE PASSION FLOWER.) 35c. each.

Cerulea. Hardy, herbaceous, should be protected with leaves or rough litter in winter.

Constance Elliott. A white variety of the preceding in pots.

Roses. See separate list.

Vinca. (THE RUNNING MYRTLE)

Major Argenta Variegata. The running myrtle.

Wisteria. (CHINESE WISTERIA.)

Sinensis. Purple, strong plants. 50c. to 75c. each.

RHODODENDRONS.

Rhododendrons do well in almost all situations, provided the soil is cool, deep and moist. Where these conditions do not exist, naturally, they may be produced by digging out the soil four feet deep, filling in two feet with stones, sticks and rubbish, and finishing with good light soil. The varieties we offer are hardy and are hybrids of *R. Catawbiense*. We can strongly recommend them, and should be glad to select the best sorts for such of our customers who may wish us to do so. Price, from \$1.00 to \$5.00 each.

GHENT AZALEAS.



This is one of the most beautiful of flowering shrubs. The richness of their varying colors cannot be surpassed. The varieties we offer are among the best grown, either here or in Europe. Azaleas show to the best advantage when planted in groups. Price, \$1.50, \$2.00, \$2.50 and \$5.00 and up. All will bloom the first season.

AZALEA MOLLIS.

This is a new species from Japan. The flowers are larger than the Ghent Azaleas, and they bloom about two weeks earlier. Their hardiness and great beauty combine to make them popular wherever known. They are perfectly hardy. Price, \$1.50, \$2.00, \$5.00 and up for the best named sorts.

Good flowering plants, without names, can be furnished at \$7.00 to \$9.00 per dozen.

BULBS FOR FALL PLANTING.

 Notice that these cannot be furnished until September, except where noted. 

We issue our Illustrated Catalogue of Holland Bulbs about September 10th, and it will be mailed free to all regular customers without notice, and to all others who send their names. Meanwhile we quote prices for the benefit of those who prefer to order in advance of that date, as follows:

HYACINTHS

Best Named Varieties for out of door bedding. These we highly recommend to all who wish to know the colors they are planting. \$1.00 per doz.; \$6.50 per 100.

Mixed Colors. But each color separate, cheaper than the preceding, and for this reason preferred by some who plant very largely. They can be furnished *Double* or *Single*, in White, Red, Rose, Blue, Yellow, or all colors mixed, 60c. per doz.; \$4.00 per 100.

Named for Forcing. These are the highest priced bulbs, and are used chiefly for in-door forcing. 15c. each; \$1.50 per doz.; \$12.00 per 100.

Roman Hyacinths. Single White. Only used for forcing. 40c. per doz.; \$3.00 per 100.

TULIPS.

Single Early. Best mixed, \$1.25 per 100.
..... Named varieties, our selection, \$3.00 per 100

Double Early. Best mixed, \$.50 per 100.
..... Named varieties, our selection, \$3.00 per 100.

Parrot Best mixed, \$1.50 per 100.
..... Named varieties, \$3.00 per 100.

Late. Byblooms and Bizzards. Best mixture, \$3.00 per 100.

LILIES—In Variety

Lilium Harrisii. \$3.00 up to \$15.00 per 100 (in July).

Candidum. \$5.00 to \$6.00 per 100 (in August).

Freezia refracta alba. \$1.50 to \$2.00 per 100 (in July).

NARCISSUS.

Trumpet Major. The true single yellow Daffodil. 6c each; 60c. per doz.

Alba plena Odorata (Double Poeticus.) 5c. each; 50c. per doz.

Mixed White Polyanthus. 6c. each; 50c. per doz.

Mixed Yellow Polyanthus. 6c. each; 50c. per doz.

Grand Soliel d'Or. 8c. each; 75c. per doz.

Gloriosa Superba. Large white; 8c. each; 75c. per doz.

Staten General. White. 8c. each; 75c. per doz.

Double Roman. Fine yellow. 6c. each; 60c. per doz.

Van Sion (Double Daffodil.) 5c. each; 50c. per doz.

Poeticus. 5c. each; 30c. per doz.

Eaper White. Fine for forcing. 5c. each; 50c. per doz.

Poeticus Ornatus. Early. 6c. each; 50c. per doz.

Snowdrops. Single \$1.50 per 100.

..... Double. \$2.50 per 100.

Crocus. Named Varieties. 25c. per doz.; \$1.00 per 100.

..... Mixed, separate colors. 20c. per doz.; 65c. per 100.

Lily of the Valley. Strong clumps, 25c. each.

..... Pips, 40c. per doz.; \$1.75 per 100.

Jonquils. Single, sweet-scented. 50c. per doz.

..... Double, sweet-scented. \$1.00.

Scilla Siberica. 40c. per doz.; \$2.50 per 100.

Chionodoxa Lucillae. Glory of the snow. 50c. per doz.

. Flowers by Telegraph. .



AS sole representatives for Pittsburgh and Allegheny of The Florists' International Telegraph Delivery Association, we have arrangements with our correspondents, the leading florists in the principal cities, by which our customers here can send flowers to their friends in

NEW YORK,
PHILADELPHIA,
BOSTON,
ALBANY,
WASHINGTON,
CLEVELAND,

BUFFALO,
NEW ORLEANS,
CINCINNATI,
MILWAUKEE,
DETROIT,
CHICAGO,

and all large cities of the United States,
and rely on the prompt delivery of

Fresh Flowers,

at no expense whatever for express charges—Telegrams being the only charges.

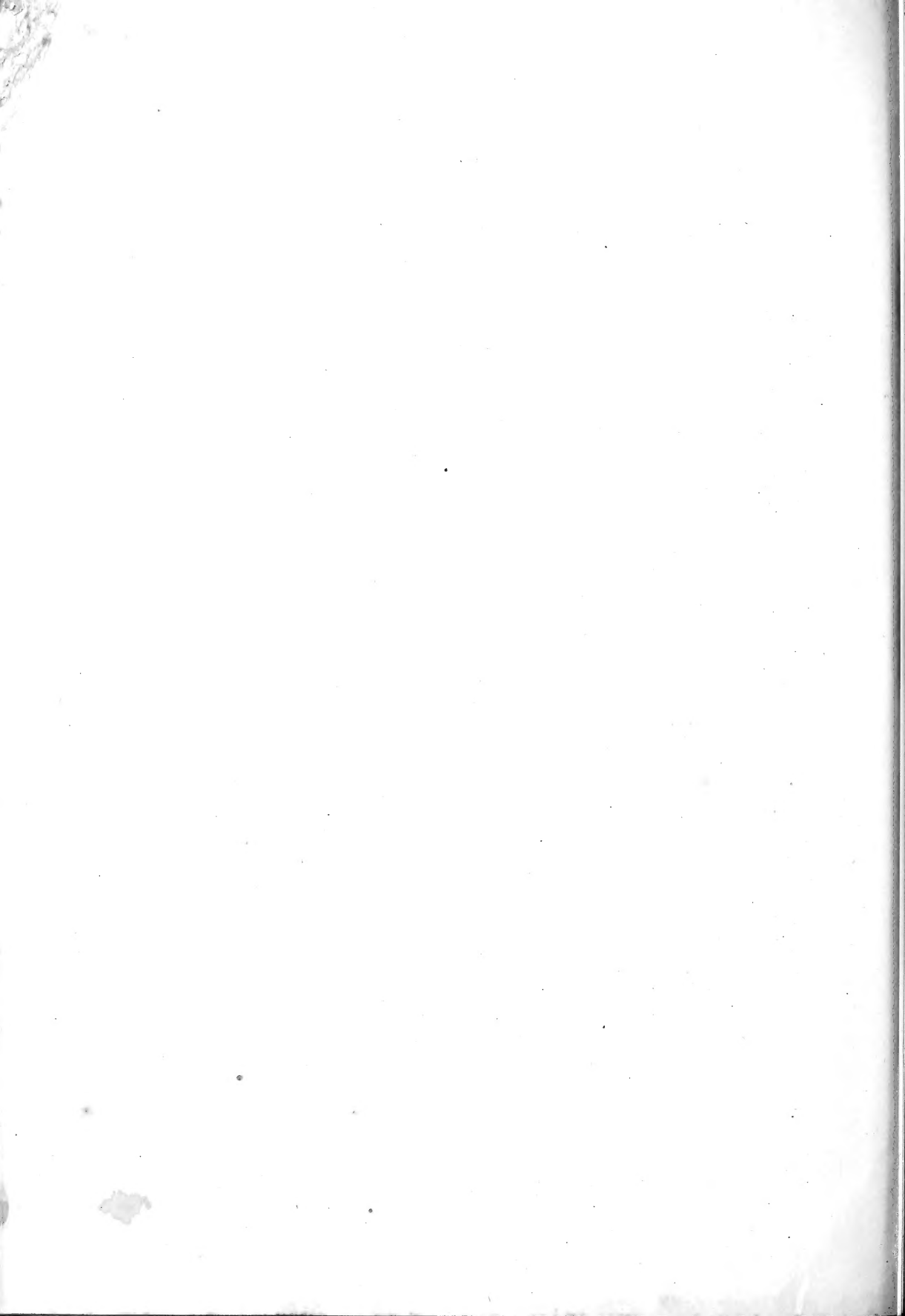


John R. & A. Murdoch,

508 Smithfield Street.

Florists. . .

.. TELEPHONE 239. . .



NOTICE TO CORRESPONDENTS.

We solicit the attention of correspondents to the following, as it will frequently save much time and trouble, and help to prevent mistakes. If any error should be found to have occurred, when the plants or trees reach their destination, our customers will please notify us immediately, and we will at once make such amends as are in our power, so that full satisfaction may be given. All communications respecting Stock and Prices will be attended to promptly.

Early Orders. Early orders are earnestly solicited, to enable us to reserve such varieties as may be wanted, and also to furnish better trees than if postponed until the packing season.

Orders should be *written plainly, on a separate list*, and *not* mixed up in the body of the letter, stating particularly what kind of trees are desired, whether *Standard or Dwarf*, the varieties and the quantities of each.

The Tree Digging Season. We usually commence digging and packing in the fall, about the second week in October; and in the spring, about the 15th of March.

Packages, How Marked, Liability, &c. Plain and particular directions should be given how the packages are to be marked and what route to be sent. If the whole or any part is left to us, we will use our best judgment how to forward them, but in *no case will we be responsible for any loss or detention that may occur after the delivery at the depot or boat at Pittsburgh as all articles are shipped at the purchaser's risk and no charge is made here for the delivery of the packages at the railroads, steamboat or express office.*

Claims for losses, by detention or otherwise, *should be made at once to the forwarders.*

Selection of Varieties. Parties not sufficiently conversant with the different varieties will do well to leave the selection of sorts to us. Under such circumstances we would feel it our duty to make the best possible selections, according to our judgment. When the varieties are specified, it should be stated whether liberty is given to *subs'itute*.

Terms. Cash, unless otherwise agreed. Remittances in all cases should accompany orders from unknown correspondents, to insure attention.

HINTS ON PLANTING.

When the purchaser receives his trees, he should cut away all mutilated roots and **Plant Promptly** in good soil, placing the trees only an inch or two deeper than they stood in the nursery. Be particular to have all the interstices filled with fine soil, so that the fibres are brought into contact with it. **The Soil** must be firmly tramped in. **Manure** should be used afterwards on the surface as a **mulch**, and should be stirred up from time to time during the summer, an occasional thorough watering, should the weather turn in dry. **Drainage** is very important. **Shorten** the tops of all the deciduous trees and shrubs from one-third to one-half, except Magnolias, Horse Chestnuts, etc., that have large terminal buds. A circular containing fuller instructions on this subject can be had on application.

Distances for Planting,

Standard Apples	30 feet apart each way.
Standard Pears and strong growing Cherries.....	20 " " " "
Standard Cherries, Duke and Morello sorts.....	18 " " " "
Standard Plums, Peaches, Apricots, Nectarines.....	16 to 18 " " " "
Quinces	10 to 12 " " " "
Dwarf Apples.....	6 to 8 " " " "
Dwarf Cherries, Duke and Morellos.....	12 to 16 " " " "
Currants, Gooseberries and Raspberries.....	3 to 4 " " " "
Blackberries.....	4 " " " "
Grapes on trellises	10 " " " "
Grapes trained to stakes.....	5 " " " "

Strawberries in rows, two and a half feet apart, and plant one foot apart in the rows.

Number of Trees on an Acre when Planted at Stated Distance.

30 feet apart each way.....	49	10 feet apart each way.....	436
25 " " " "	69	8 " " " "	681
20 " " " "	109	6 " " " "	1,210
18 " " " "	115	5 " " " "	1,742
15 " " " "	194	4 " " " "	2,722
12 " " " "	302	3 " " " "	4,840

To Pittsburghers and Others.

See Important Notice on Second Page Cover.

Our "Pittsburgh Nurseries" adjoin Schenley Park, in the 22d Ward, easily reached by Forbes street, and deserve a visit from every person contemplating the improvement of their grounds. Here we grow all the Trees and Shrubs offered in our Descriptive Illustrated Catalogue of Fruit and Ornamental Trees, and among many we call attention to some leading specialties, viz.:

**Norway Maples, JAPAN MAPLES, Carolina Poplars, HARDY AZALEAS, MAGNOLIAS, HARDY
ROSES, HARDY SHRUBS IN GREAT VARIETY, MAPLES, ELMS, LINDENS, HORSE CHEST-
NUTS, WHITE BIRCH, WEEPING TREES, EVERGREENS IN VARIETY,
FRUIT TREES OF ALL LEADING VARIETIES.**

All these can be safely planted in spring or fall, except Magnolias, Tulip Trees and Evergreens, which should be planted in spring.

All articles, after leaving our hands in good condition, are entirely at the risk of the purchaser, and no complaints for reduction, for any cause whatever, will receive consideration, unless promptly made within ten days after receipt of the goods.

While we exercise the greatest care to have all our trees and plants true to name, well grown, and packed in the best possible manner, and hold ourselves in readiness, on proper proof, to replace all trees or plants that may accidentally prove untrue to label, free of charge, or refund the amount paid therefor, it is mutually understood and agreed to between the purchaser and ourselves that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees and plants that prove untrue.

Our reputation for upright dealing, and the high quality of our stock—in Trees, Plants, etc.—the result of a half a century's experience, is the best and only guarantee to our patrons.

IMPORTANT TO LOCAL PURCHASERS.

We deliver all Trees, Shrubs, etc., to purchasers in good order, according to instructions, fresh from the ground. If, by the fault of any employe of ours, or otherwise, the goods are received in bad order—or are not satisfactory in any respect, notice must be given at once to us, to enable us to remove all causes for complaint. The success of this class of goods after leaving our hands is contingent upon favorable weather, intelligent care, and many other causes entirely beyond our control. We therefore deem it but proper to state that trees at catalogue prices are NOT GUARANTEED TO GROW, for the reasons given. We are prepared to plant trees with or without guarantee at such prices as may be agreed upon.

Our Schenley Park Greenhouses are on Forbes and St. Pierre Streets, Fourteenth Ward, immediately west of the grant of land by Mrs. Schenley for the erection of the Carnegie Library and Art Gallery, where we offer an immense stock of Flowering Plants, Palms, Hardy Roses, etc., etc. They are erected on the most approved method, are heated with steam generated by natural gas for fuel, and we doubt whether their equals for efficiency and economy can be found elsewhere. Don't fail to visit them, as they are easily reached by the Pittsburgh Traction Railway, or by the new Duquesne Railway.

Our Seed Store and Floral Depot, 508 Smithfield Street, is where all our floral work is made up—where all our accounts are kept, and to it all communications should be addressed in full. Letters and telegrams receive prompt attention. Call and see us.

Tel., Pgh., 239.

JOHN R. & A. MURDOCH.